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61 Forsyth Street SW  
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Subject:  
Semi-Annual Monitoring Report – May 2014  
Honeywell International Inc.  
Former Solitron Property  
Riviera Beach, Florida

ENVIRONMENT

Date:  
August 27, 2014

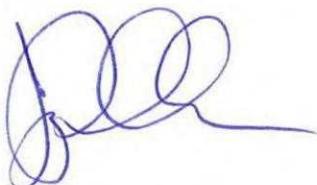
Dear Mr. Jackson:

On behalf of Honeywell International Inc. (Honeywell), ARCADIS has prepared this *Semi-Annual Monitoring Report* to summarize monitoring results related to the operation of the Groundwater Remediation System (groundwater system) at the former Solitron property located at 1177 Blue Heron Boulevard (Site) in Riviera Beach, Florida during the period of December 2013 through May 2014.

If you have any questions or comments, please contact me at (813) 353-5794 or by email at [john.perella@arcadis-us.com](mailto:john.perella@arcadis-us.com).

Sincerely,

ARCADIS U.S., Inc.



John Perella, P.E.  
Senior Engineer

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Copies:  
Paul Wierzbicki – FDEP SE District  
Prashant Gupta – Honeywell  
Louis Aurigemma – City of Riviera Beach

Attachments

Imagine the result

**Honeywell International Inc.**

**Semi-Annual Monitoring Report –  
May 2014**

Solitron Devices Site  
Riviera Beach, Palm Beach County, Florida

August 21, 2014

**Semi-Annual Monitoring  
Report – May 2014**

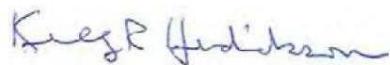
Solitron Devices Site  
Riviera Beach, Florida



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Sara Callahan  
Staff Geologist

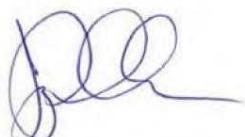
Prepared for:  
Honeywell International Inc.



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John F. Perella, P.E.  
Senior Engineer

Our Ref.:  
B0052904.0000.00004

Date:  
August 21, 2014

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## 1. Introduction

On behalf of Honeywell International Inc. (Honeywell), ARCADIS has prepared this *Semi-Annual Monitoring Report* to summarize monitoring results related to the operation of the Groundwater Remediation System (groundwater system) at the former Solitron property located at 1177 Blue Heron Boulevard (Site) in Riviera Beach, Florida (**Figures 1 and 2**) during the period of December 2013 through May 2014. The groundwater system is used to remediate Site groundwater constituents, consisting primarily of volatile organic compounds (VOCs) including benzene, chlorobenzene, and vinyl chloride.

## 2. System Operation

### 2.1 System Description

The groundwater system was designed and constructed to remove VOCs, including chlorinated volatile organic compounds (CVOCs), from Site groundwater. The groundwater system includes two groundwater extraction wells (EW-1 and EW-2) and one injection well (IW-1) at the approximate locations shown in **Appendix A**. Groundwater is pumped from extraction wells EW-1 and EW-2 to a low-profile air stripper designed to remove VOCs present in the extracted groundwater to levels below their respective Groundwater Cleanup Target Levels (GCTLs). The air stripper is housed in a one-story, 30-foot wide by 40-foot long building (treatment building) located on-site. Exhaust air from the air stripper is discharged via an 18-inch diameter vent through the roof of the building. The groundwater system record drawings are included in **Appendix A**. Treated groundwater effluent is pumped from the air stripper to injection well IW-1 located off-site.

ARCADIS began construction of the groundwater system in December 2008 and work was completed in March 2009. System startup began March 30, 2009.

In November 2011, ARCADIS received approval from the FDEP to inject a dispersant and disinfectant into the process piping to reduce injection well maintenance. The dispersant and disinfectant injections began in February 2012. An iron and calcium dispersant (Redux 390) is injected into the process stream prior to the air stripper (influent). A solution of 20% hydrogen peroxide (disinfectant) is injected into the process stream after the air stripper (effluent). Based on positive results observed and summarized in previous reports, this system has remained on line during groundwater system operation.

## 2.2 Operating Conditions

### 2.2.1 General

The total groundwater volume processed by the system during this reporting period (between November 22, 2013 and May 30, 2014) was 13,206,578 gallons, with approximately 7,975,987 gallons extracted from EW-2 and the remainder from EW-1. The total groundwater volume processed by the system since startup (March 30, 2009) is 139,151,287 gallons.

As described in prior monitoring reports, injection well IW-1 has been prone to fouling and pressure build-up, requiring periodic well redevelopment events. As noted above and described in the previous report, a chemical injection system was installed during January 2012 to help control injection well fouling, and has been online since February 6, 2012.

During this reporting period, the groundwater system operated continuously from December 2013 through May 2014, with the exception of two planned shutdowns. The injection well redevelopment occurred between March 24 and 28, 2014 and the air stripper cleaning event occurred between May 7 and 9, 2014.

The groundwater system operated at a flow rate of approximately 60 gallons per minute (gpm) during the period between December and March. Following the injection well redevelopment the groundwater system operated at approximately 120 gpm.

### 2.2.2 Influent Water Quality

Groundwater system influent and effluent samples area collected quarterly and results are presented in **Table 1**. As shown in **Table 1**, the primary groundwater constituents in influent groundwater above the applicable GCTLs are:

- Vinyl chloride
- Cis-1,2-dichloroethene
- Benzene

### 2.2.3 Effluent Water Quality

Results of the February and May 2014 treated groundwater effluent samples indicate that the groundwater system is effectively removing the constituents below the respective GCTLs (**Table 1**).

#### 2.2.4 Air Emissions

Air sampling results and estimated emissions are presented in **Table 2**. The estimated air emissions are calculated using the quarterly air sample results and air flow rate through the air stripper at the time of sampling. The estimated air emissions from the groundwater system air stripper based on the February and May 2014 sampling results are below the threshold level of 13.7 pounds per day (ppd) of total VOCs.

### 3. Groundwater Monitoring

ARCADIS collected groundwater samples from a subset of Site monitoring wells during the week of May 26, 2014.

Groundwater samples were collected using low-flow methodologies as described in the approved Performance Monitoring Plan. Field measurements of the groundwater temperature, pH, conductivity, dissolved oxygen, oxidation/reduction potential, and turbidity were documented during well purging and sampling activities. Measurements and pertinent observations were recorded on standard groundwater sampling log forms. Groundwater sampling logs are presented in **Appendix C**.

ARCADIS utilized TestAmerica for analytical laboratory testing. The laboratory report for semi-annual groundwater sampling is included in **Appendix B**. The groundwater samples were analyzed for VOCs by Method 8260B. The VOC results are presented in **Table 3**.

#### 3.1 Water Table Elevations

Groundwater elevations from all Site monitoring wells were collected on May 27, 2014 and are presented in **Table 5**. Groundwater flow direction in the shallow, intermediate and deep aquifer zones [50-150 feet below land surface (ft bls), 150-200 ft bls and >200 ft bls, respectively] is to the east, consistent with previous groundwater elevation data collected at this site. The groundwater elevations and groundwater contour maps for the three aquifer zones are provided on **Figures 3 through 5**, respectively.

#### 3.2 Analytical Results

Groundwater analytical data are summarized in **Table 3**. Benzene, chlorobenzene, and vinyl chloride were detected above the GCTL/Maximum Contaminant Level (MCL) in at least one monitoring well during the May 2014 sampling event.

Benzene and chlorobenzene were detected above the GCTL/MCL, but below the natural attenuation default concentration (NADC), in MW-13B and MW-20B, respectively. The

isoconcentration map for chlorobenzene in the 150-200 ft bls interval is provided on **Figure 6**.

Vinyl chloride was detected in six wells above the GCTL/MCL (MW-13A, MW-13B, MW-13C, MW-19B, MW-19C, and MW-20C). Only the sample from MW-20B was above the NADC. Vinyl chloride concentrations in general have been stable or decreasing since 2009. Isoconcentration maps for vinyl chloride in the 50-150 ft bls and 150-200 ft bls intervals are provided on **Figures 7** and **8**, respectively.

Based on data collected during the May 2014 sampling event and supported by historic data, the horizontal plume boundaries continue to be defined to the south, west, and north by clusters MW-14, MW-18 and MW-22, respectively. To the east, the downgradient plume fringe is defined by MW-1, MW-3 and MW-4 clusters.

There were no VOCs detected in samples collected from deep wells (>200 ft bls), locations MW-1, MW-18, MW-19 and MW-22 thereby defining the plume vertically.

#### 4. Discussion and Recommendations

##### 4.1 System Operation

As described in Section 2.2, the groundwater system operated at approximately 60 gpm during the majority of the reporting period prior to the injection well redevelopment event in March 2014. Following that event, the system operated at approximately 120 gpm consistently through the end of the reporting period (May 2014).

Injection well redevelopment was performed in March 2014 and future redevelopment events will be performed as required based on injection well performance (i.e., pressure buildup). Air stripper tray cleaning was performed in May 2014 and will be performed semi-annually, or as needed based on inspections and air stripper performance.

In general, the results of the groundwater system influent/effluent sampling and air sampling during this reporting period show the groundwater system is operating effectively and removing VOCs from groundwater.

##### 4.2 Hydraulic Containment

The groundwater system operated as described in previous sections during the December 2013 through May 2014 reporting period. The instantaneous groundwater extraction rate ranged from approximately 60 to 120 gpm for the majority of the period, with the higher flows achieved following the March 2014 injection well redevelopment event.

#### **4.3 Groundwater Monitoring**

Analyses of constituents of concern (COC) concentrations indicate an overall shrinking to stable plume. Since the start of groundwater system operations in March 2009, concentrations of site COCs have reduced significantly at most site monitoring wells. Currently only MW-20B has a concentration of any COC (vinyl chloride) above the NADC. Benzene and chlorobenzene concentrations in MW-13B and MW-20B respectively, currently exceed the GCTL but are below the NADC.

The next monitoring well sampling event for the June through November 2014 reporting period is scheduled for November 2014, continuing with semi-annual sampling according to the Preliminary Design Report schedule.

Recommendations for the site are to continue operations of the groundwater system and monitor Site-wide water quality and effectiveness.

**Tables**

**TABLE 1**  
**INFLUENT AND EFFLUENT GROUNDWATER ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/MCL	NADC	Units	Influent	Effluent								
				03/30/09	04/01/09		04/02/09		04/03/09		04/08/09		
Benzene	1	100	ug/L	41	0.50 U	30	0.50 U	45	0.50 U	43	0.50 U	47	0.50 U
Toluene	1,000	10,000	ug/L	5.1 U	0.51 U	12	0.44 U	2.6 U	0.51 U	0.81 I	0.51 U	5.1 U	0.51 U
Ethylbenzene	700	7,000	ug/L	9.6 I	0.44 U	5.1 U	0.51 U	11	0.44 U	19	0.44 U	21	0.44 U
Xylenes (total)	10,000	100,000	ug/L	5.0 U	0.50 U	5.0 U	0.50 U	3.1 I	0.50 U	11	0.50 U	17 I	0.50 U
1,1-Dichloroethane	70	700	ug/L	5.2 U	0.52 U	5.2 U	0.52 U	2.6 U	0.52 U	0.52 U	0.52 U	5.2 U	0.52 U
1,1-Dichloroethene	7	70	ug/L	4.5 U	0.45 U	4.5 U	0.45 U	2.2 U	0.45 U	2	0.45 U	4.5 U	0.45 U
1,2-Dichlorobenzene	600	6,000	ug/L	9.8 I	0.44 U	14	0.44 U	13	0.44 U	16	0.44 U	18	0.44 U
1,3-Dichlorobenzene	210	2,100	ug/L	6.4 U	0.64 U	6.4 U	0.64 U	3.2 U	0.64 U	0.64 U	0.64 U	6.4 U	0.64 U
1,4-Dichlorobenzene	75	7,500	ug/L	5.2 U	0.52 U	5.2 U	0.52 U	3.0 I	0.52 U	1.6	0.52 U	5.2 U	0.52 U
Chlorobenzene	100	1,000	ug/L	130	0.63 U	140	0.63 U	140	0.63 U	150	0.63 U	160	0.63 U
Chloroform	70	700	ug/L	9.0 U	0.90 U	9.0 U	0.90 U	4.5 U	0.90 U	0.90 U	0.90 U	9.0 U	0.90 U
cis-1,2-Dichloroethene	70	700	ug/L	400	0.65 U	330	0.65 U	560	0.65 U	430	0.65 U	520	0.65 U
Tetrachloroethene	3	300	ug/L	5.0 U	0.50 U	5.0 U	0.50 U	2.5 U	0.50 U	0.50 U	0.50 U	5.0 U	0.50 U
trans-1,2-Dichloroethene	100	1,000	ug/L	4.4 U	0.44 U	4.4 U	0.44 U	5.4	0.44 U	4.3	0.44 U	4.5 I	0.44 U
Trichloroethene	3	300	ug/L	5.0 U	0.50 U	5.0 U	0.50 U	2.5 U	0.50 U	0.50 U	0.50 U	5.0 U	0.50 U
Vinyl Chloride	1	100	ug/L	550	0.50 U	360	0.50 U	540	0.50 U	320	0.50 U	620	0.50 U

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**TABLE 1**  
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**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/MCL	NADC	Units	Influent	Effluent								
				04/15/09	04/21/09		05/29/09		06/19/09		10/21/09		
Benzene	1	100	ug/L	47	0.50 U	22	0.50 U	29	0.50 UJ	2.4	0.50 U	27	0.50 U
Toluene	1,000	10,000	ug/L	1.2	0.51 U	11	0.51 U	1.4	0.51 UJ	230 L	0.51 U	1.3	0.51 U
Ethylbenzene	700	7,000	ug/L	23	0.44 U	12	0.44 U	23	0.44 UJ	1.5	0.44 U	11	0.44 U
Xylenes (total)	10,000	100,000	ug/L	26	0.50 U	15	0.50 U	46	0.50 U	2.8 I	0.50 U	20.7	0.50 U
1,1-Dichloroethane	70	700	ug/L	0.52 U	0.52 UJ	0.52 U	0.52 U	0.52 U	0.52 U				
1,1-Dichloroethene	7	70	ug/L	2.3	0.45 U	0.77 I	0.45 U	1.4	0.45 UJ	0.45 U	0.45 U	2.9	0.45 U
1,2-Dichlorobenzene	600	6,000	ug/L	21	0.44 U	13	0.60 I	20	0.44 UJ	1.3	0.44 U	28	0.44 U
1,3-Dichlorobenzene	210	2,100	ug/L	0.90 I	0.64 U	0.64 U	0.64 U	0.64 U	0.64 UJ	0.64 U	0.64 U	0.64 U	0.64 U
1,4-Dichlorobenzene	75	7,500	ug/L	4.1	0.52 U	2.5	0.52 U	3.4	0.52 UJ	0.52 U	0.52 U	2.9	0.52 U
Chlorobenzene	100	1,000	ug/L	150	0.63 U	99	1.9	130	0.63 UJ	7.8	0.63 U	120	0.63 U
Chloroform	70	700	ug/L	0.90 U	0.90 UJ	0.90 U	0.90 U	0.90 U	0.90 U				
cis-1,2-Dichloroethene	70	700	ug/L	420	0.81 I	410	3.4	360	0.65 UJ	35	0.65 U	720	0.65 U
Tetrachloroethene	3	300	ug/L	0.50 U	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U				
trans-1,2-Dichloroethene	100	1,000	ug/L	4.9	0.44 U	1.9	0.44 U	4.1	0.44 UJ	0.44 U	0.44 U	6.8	0.44 U
Trichloroethene	3	300	ug/L	0.69 I	0.50 U	0.50 U	0.50 U	0.73 I	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	1	100	ug/L	520	0.64 I	440	0.50 U	410	0.50 UJ	43	0.50 U	490	0.50 U

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Location ID: Date Collected:	GCTL/MCL	NADC	Units	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Effluent
				01/18/10	05/24/10	11/04/10	05/27/11	06/14/11				
Benzene	1	100	ug/L	16	0.50 U	13	0.50 U	0.50 U	0.50 U	82	1	1.3
Toluene	1,000	10,000	ug/L	30	0.51 U	82	0.51 U	9.6	0.51 U	1.1	0.51 U	0.51 U
Ethylbenzene	700	7,000	ug/L	6.6	0.44 U	2	0.44 U	0.44 U	0.44 U	3.1	0.44 U	0.44 U
Xylenes (total)	10,000	100,000	ug/L	12	0.50 U	2.5 I	0.50 U	0.50 U	0.50 U	5.9	0.50 U	0.50 U
1,1-Dichloroethane	70	700	ug/L	0.52 U								
1,1-Dichloroethene	7	70	ug/L	0.84 I	0.45 U	0.74 I	0.45 U					
1,2-Dichlorobenzene	600	6,000	ug/L	9.3	0.44 U	7.1	0.44 U	0.44 U	0.44 U	6.6	0.44 U	0.81 I
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U								
1,4-Dichlorobenzene	75	7,500	ug/L	1.3	0.52 U	0.85 I	0.52 U	0.52 U	0.52 U	1.1	0.52 U	0.52 U
Chlorobenzene	100	1,000	ug/L	58	0.63 U	40	0.63 U	0.63 U	0.63 U	140	3.5	6.1
Chloroform	70	700	ug/L	0.90 U	0.90 U	0.9 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U
cis-1,2-Dichloroethene	70	700	ug/L	240	0.65 U	470	0.65 U	0.65 U	0.65 U	60	1	2.5
Tetrachloroethene	3	300	ug/L	0.50 U	0.50 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	100	1,000	ug/L	2.5	0.44 U	2.8	0.44 U	0.44 U	0.44 U	1.7	0.44 U	0.44 U
Trichloroethene	3	300	ug/L	0.50 U	0.50 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	1	100	ug/L	180	0.50 U	300	0.50 U	0.50 U	0.50 U	86	0.50 U	0.52 I

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**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/MCL	NADC	Units	Influent	Effluent								
				06/24/11	02/07/12	05/08/12	09/17/12	11/08/12					
Benzene	1	100	ug/L	61	0.50 U	38	0.50 U	0.50 U	0.50 U	9.8	0.50 U	23	0.50 U
Toluene	1,000	10,000	ug/L	1.4	0.51 U	0.65 I	0.51 U	1.9	0.51 U				
Ethylbenzene	700	7,000	ug/L	6.7	0.44 U	5.4	0.44 U	0.44 U	0.44 U	2.2	0.44 U	4.4	0.44 U
Xylenes (total)	10,000	100,000	ug/L	6.8	0.50 U	4.0	0.50 U	0.50 U	0.50 U	0.89 I	0.50 U	2.69 I	0.50 U
1,1-Dichloroethane	70	700	ug/L	0.52 U									
1,1-Dichloroethene	7	70	ug/L	0.45 U									
1,2-Dichlorobenzene	600	6,000	ug/L	12	0.44 U	17	0.44 U	0.44 U	0.44 U	20	0.44 U	15	0.44 U
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U									
1,4-Dichlorobenzene	75	7,500	ug/L	2.3	0.52 U	3.3	0.52 U	0.52 U	0.52 U	1.9	0.52 U	2.6	0.52 U
Chlorobenzene	100	1,000	ug/L	150	0.63 U	140	0.63 U	0.63 U	2.0	53	0.63 U	140	0.63 U
Chloroform	70	700	ug/L	0.90 U									
cis-1,2-Dichloroethene	70	700	ug/L	78	0.65 U	53	0.65 U	0.65 U	1.9	85	0.65 U	100	0.65 U
Tetrachloroethene	3	300	ug/L	0.50 U									
trans-1,2-Dichloroethene	100	1,000	ug/L	1.5	0.44 U	1.0	0.44 U	0.44 U	0.44 U	1.2	0.44 U	0.72 I	0.44 U
Trichloroethene	3	300	ug/L	0.55 I	0.50 U	0.57 I	0.50 U	0.50 U	0.50 U				
Vinyl Chloride	1	100	ug/L	120	0.50 U	87	0.50 U	0.50 U	0.50 U	99	0.50 U	95	0.50 U

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**TABLE 1**  
**INFLUENT AND EFFLUENT GROUNDWATER ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
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Location ID: Date Collected:	GCTL/MCL	NADC	Units	Influent	Effluent								
				02/12/13	04/19/13	05/29/13	08/16/13	11/15/13					
Benzene	1	100	ug/L	34	2.3	35	0.50 U	0.50 U	0.50 U	13	0.50 U	3.9	0.50 U
Toluene	1,000	10,000	ug/L	0.63 I	0.51 U	0.57 I	0.51 U						
Ethylbenzene	700	7,000	ug/L	7	0.44 U	8.2	0.44 U	0.44 U	0.44 U	3.2	0.44 U	1.6	0.44 U
Xylenes (total)	10,000	100,000	ug/L	3.7	0.5 U	3.3	0.50 U	0.50 U	0.50 U	1.5 I	0.50 U	1.56 I	0.50 U
1,1-Dichloroethane	70	700	ug/L	0.52 U									
1,1-Dichloroethene	7	70	ug/L	0.53 I	0.45 U	0.74 I	0.45 U	2.6	0.45 U	0.45 U	0.45 U	1.2	0.45 U
1,2-Dichlorobenzene	600	6,000	ug/L	16	2.7	27	0.44 U	23	0.44 U	13	0.44 U	20	0.44 U
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U									
1,4-Dichlorobenzene	75	7,500	ug/L	2.6	0.52 U	4.0	0.52 U	2.6	0.52 U	1.9	0.52 U	3.5	0.52 U
Chlorobenzene	100	1,000	ug/L	140	16	160	0.63 U	30	0.63 U	76	0.63 U	57	0.63 U
Chloroform	70	700	ug/L	0.9 U	0.9 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U
cis-1,2-Dichloroethene	70	700	ug/L	130	14	160	0.65 U	630	0.65 U	82	0.65 U	270	0.65 U
Tetrachloroethene	3	300	ug/L	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	100	1,000	ug/L	5.2	0.44 U	2.3	0.44 U	11	0.44 U	1.1	0.44 U	6.3	0.44 U
Trichloroethene	3	300	ug/L	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	1	100	ug/L	130	5.8	180	0.50 U	510	0.50 U	76	0.50 U	260	0.50 U

Footnotes on Page 6.

**TABLE 1**  
**INFLUENT AND EFFLUENT GROUNDWATER ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/MCL	NADC	Units	Influent	Effluent	Influent	Effluent
				02/20/14	05/30/14		
Benzene	1	100	ug/L	<b>4.5</b>	0.5 U J3	<b>12</b>	0.5 U
Toluene	1,000	10,000	ug/L	0.51 U	0.51 U	0.51 U	0.51 U
Ethylbenzene	700	7,000	ug/L	1.6	0.44 U	2.8	0.44 U
Xylenes (total)	10,000	100,000	ug/L	0.5 U	0.5 U	2.7 I	0.5 U
1,1-Dichloroethane	70	700	ug/L	0.52 U	0.52 U J3	0.52 U	0.52 U
1,1-Dichloroethene	7	70	ug/L	0.45 U	0.45 U J3	1.1	0.45 U
1,2-Dichlorobenzene	600	6,000	ug/L	13	0.44 U J3	22	0.44 U
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U	0.64 U J3	0.64 U	0.64 U
1,4-Dichlorobenzene	75	7,500	ug/L	1.4	0.52 U	3.1	0.52 U
Chlorobenzene	100	1,000	ug/L	30	0.63 U	93	0.63 U
Chloroform	70	700	ug/L	0.9 U	0.9 U J3	0.9 U	0.9 U
cis-1,2-Dichloroethene	70	700	ug/L	37	0.65 U J3	<b>450</b>	0.65 U
Tetrachloroethene	3	300	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	100	1,000	ug/L	2	0.44 U J3	6	0.44 U
Trichloroethene	3	300	ug/L	0.5 U	0.5 U J3	0.58 I	0.5 U
Vinyl Chloride	1	100	ug/L	<b>66</b>	0.51 I J3	<b>310</b>	0.5 U

**Footnotes:**

**Bold** - Detected above GCTL

**Shaded** - Detected above NADC

GCTL/MCL - Groundwater Cleanup Target Level/Maximum Contaminant Level

NADC - Natural Attenuation Default Concentrations

U - The compound was analyzed for but not detected.

L - Detection was out of scale. Actual value is known to be greater than the value given.

J - Indicates an estimated value.

J3 - Estimated value may not be accurate. Spike recovery or Relative Percent Difference (RPD) outside of criteria.

I - Estimated result < PQL and > MDL

MDL - Method Detection Limit

PQL - Practical Quantitation Limits

**TABLE 2**  
**EFFLUENT AIR ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Analyte	Date Collected:	03/30/09			04/01/09			04/02/09			04/08/09		
	Air Flow Rate (scfm):	7000			7000			7000			7000		
		Results ( $\mu\text{g}/\text{m}^3$ )	Loading (lbs/hr)	Loading (lbs/day)									
Benzene	270	0.0071	0.1699	200	0.0052	0.1259	170	0.0045	0.1070	360	0.0094	0.2266	
Toluene	43 U	0.0006	0.0135	15 U	0.0002	0.0047	3.8 J	0.0001	0.0024	11 J	0.0003	0.0069	
Ethylbenzene	74	0.0019	0.0466	43	0.0011	0.0271	45	0.0012	0.0283	210	0.0055	0.1322	
m-Xylene & p-Xylene	50 U	0.0007	0.0157	17 U	0.0002	0.0053	18	0.0005	0.0113	180	0.0047	0.1133	
o-Xylene	50 U	0.0007	0.0157	17 U	0.0002	0.0053	5.1 J	0.0001	0.0032	36 J	0.0009	0.0227	
1,1-Dichloroethene	45 U	0.0006	0.0142	16 U	0.0002	0.0050	9.3 J	0.0002	0.0059	21 J	0.0006	0.0132	
1,2-Dichlorobenzene	69 U	0.0009	0.0217	24 U	0.0003	0.0076	24	0.0006	0.0151	130	0.0034	0.0818	
1,4-Dichlorobenzene	69 U	0.0009	0.0217	24 U	0.0003	0.0076	22 U	0.0003	0.0069	28 J	0.0007	0.0176	
Chlorobenzene	800	0.0210	0.5035	510	0.0134	0.3210	460	0.0121	0.2895	1,400	0.0367	0.8811	
cis-1,2-Dichloroethene	3,200	0.0839	2.0140	2,700	0.0708	1.6993	2,900	0.0760	1.8251	4,500	0.1180	2.8321	
Trichloroethene	62 U	0.0008	0.0195	21 U	0.0003	0.0066	20 U	0.0003	0.0063	54 U	0.0007	0.0170	
Vinyl Chloride	3,100	0.0813	1.9510	1,700	0.0446	1.0699	1,800	0.0472	1.1328	4,400	0.1154	2.7692	
1,2,4-Trimethylbenzene	56 U	0.0007	0.0176	20 U	0.0003	0.0063	5.7 J	0.0001	0.0036	32 J	0.0004	0.0101	
1,3,5-Trimethylbenzene	56 U	0.0007	0.0176	20 U	0.0003	0.0063	18 U	0.0002	0.0057	49 U	0.0006	0.0154	
Methylene Chloride	99 U	0.0013	0.0308	35 U	0.0005	0.0110	19 J	0.0002	0.0060	11 J	0.0003	0.0069	
<b>Totals</b>		0.2031	4.8731		0.1379	3.3089		0.1437	3.4491		0.2978	7.1461	

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**TABLE 2**  
**EFFLUENT AIR ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Analyte	Date Collected:	04/09/09			04/15/09			04/21/09			05/29/09		
	Air Flow Rate (scfm):	7000			5600			5400			5400		
		Results ( $\mu\text{g}/\text{m}^3$ )	Loading (lbs/hr)	Loading (lbs/day)									
Benzene	330	0.0087	0.2077	180	0.0038	0.0906	73	0.0015	0.0354	150	0.0030	0.0728	
Toluene	7.3 J	0.0002	0.0046	14	0.0003	0.0070	15 U	0.0002	0.0036	34	0.0007	0.0165	
Ethylbenzene	89	0.0023	0.0560	78	0.0016	0.0393	46	0.0009	0.0223	160	0.0032	0.0777	
m-Xylene & p-Xylene	83	0.0022	0.0522	76	0.0016	0.0383	48	0.0010	0.0233	270	0.0055	0.1311	
o-Xylene	15 J	0.0002	0.0047	16	0.0003	0.0081	11 J	0.0002	0.0053	62	0.0013	0.0301	
1,1-Dichloroethene	11 J	0.0003	0.0069	11 J	0.0002	0.0055	5.9 J	0.0001	0.0029	10 J	0.0002	0.0049	
1,2-Dichlorobenzene	61	0.0016	0.0384	51	0.0011	0.0257	35	0.0007	0.0170	78	0.0016	0.0379	
1,4-Dichlorobenzene	13 J	0.0003	0.0082	11 J	0.0002	0.0055	24 U	0.0002	0.0058	15 J	0.0003	0.0073	
Chlorobenzene	760	0.0199	0.4783	560	0.0117	0.2820	290	0.0059	0.1408	720	0.0146	0.3496	
cis-1,2-Dichloroethene	3,100	0.0813	1.9510	2,500	0.0524	1.2587	1,100	0.0223	0.5341	2,800	0.0566	1.3594	
Trichloroethene	20 U	0.0003	0.0063	20 U	0.0002	0.0050	21 U	0.0002	0.0051	12 J	0.0002	0.0058	
Vinyl Chloride	2,200	0.0577	1.3846	2,400	0.0503	1.2084	1,400	0.0283	0.6797	2,800	0.0566	1.3594	
1,2,4-Trimethylbenzene	13 J	0.0003	0.0082	11 J	0.0002	0.0055	7.4 J	0.0001	0.0036	47	0.0010	0.0228	
1,3,5-Trimethylbenzene	18 U	0.0002	0.0057	18 U	0.0002	0.0045	20 U	0.0002	0.0049	11 J	0.0002	0.0053	
Methylene Chloride	4.5 J	0.0001	0.0028	4.9 J	0.0001	0.0025	93	0.0019	0.0452	9.7 J	0.0002	0.0047	
<b>Totals</b>		0.1757	4.2156		0.1244	2.9866		0.0637	1.5290		0.1452	3.4853	

Footnotes on Page 6.

**TABLE 2**  
**EFFLUENT AIR ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Analyte	Date Collected:	06/19/09			10/30/09			01/18/10			05/24/10		
	Air Flow Rate (scfm):	5400			5400			5400			5400		
		Results ( $\mu\text{g}/\text{m}^3$ )	Loading (lbs/hr)	Loading (lbs/day)									
Benzene	410	0.0083	0.1991	270	0.0055	0.1311	33	0.0007	0.0160	130	0.0026	0.0631	
Toluene	11 J	0.0002	0.0053	45 U	0.0005	0.0109	15 U	0.0002	0.0036	45 U	0.0005	0.0109	
Ethylbenzene	190	0.0038	0.0922	160	0.0032	0.0777	17 J	0.0003	0.0083	25 J	0.0005	0.0121	
m-Xylene & p-Xylene	280	0.0057	0.1359	250	0.0051	0.1214	27	0.0005	0.0131	52 U	0.0005	0.0126	
o-Xylene	59	0.0012	0.0286	48 J	0.0010	0.0233	17 U	0.0002	0.0041	52 U	0.0005	0.0126	
1,1-Dichloroethene	15	0.0003	0.0073	36 J	0.0007	0.0175	4 J	0.0001	0.0019	15 J	0.0003	0.0073	
1,2-Dichlorobenzene	170	0.0034	0.0825	240	0.0049	0.1165	13 J	0.0003	0.0063	120	0.0024	0.0583	
1,4-Dichlorobenzene	31	0.0006	0.0151	35 J	0.0007	0.0170	24 U	0.0002	0.0058	72 U	0.0007	0.0175	
Chlorobenzene	1,300	0.0263	0.6312	1,200	0.0243	0.5826	120	0.0024	0.0583	570	0.0115	0.2767	
cis-1,2-Dichloroethene	2,500 D	0.0506	1.2138	8,800	0.1780	4.2725	690	0.0140	0.3350	4,400	0.0890	2.1362	
Trichloroethene	15 J	0.0003	0.0073	64 U	0.0006	0.0155	21 U	0.0002	0.0051	64 U	0.0006	0.0155	
Vinyl Chloride	2,900 D	0.0587	1.4080	8,300	0.1679	4.0297	870	0.0176	0.4224	3,100	0.0627	1.5051	
1,2,4-Trimethylbenzene	17 J	0.0003	0.0083	28 J	0.0006	0.0136	20 U	0.0002	0.0049	59 U	0.0006	0.0143	
1,3,5-Trimethylbenzene	18 U	0.0002	0.0044	59 U	0.0006	0.0143	20 U	0.0002	0.0049	59 U	0.0006	0.0143	
Methylene Chloride	4.8 JB	0.0001	0.0023	17 J	0.0003	0.0083	10 JB	0.0002	0.0049	14 J	0.0003	0.0068	
<b>Totals</b>		0.1601	3.8412		0.3938	9.4518		0.0373	0.8945		0.1735	4.1635	

Footnotes on Page 6.

**TABLE 2**  
**EFFLUENT AIR ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Analyte	Date Collected:	11/04/10			06/16/11			02/07/12			08/02/12		
	Air Flow Rate (scfm):	5400			5400			5400			5400		
		Results ( $\mu\text{g}/\text{m}^3$ )	Loading (lbs/hr)	Loading (lbs/day)									
Benzene		250	0.0051	0.1214	250	0.0051	0.1214	100	0.0020	0.0486	4.3	0.0001	0.0021
Toluene		36 J	0.0007	0.0175	15 U	0.0002	0.0036	3.5 U	0.0000	0.0008	2.0 U	0.0000	0.0005
Ethylbenzene		28 J	0.0006	0.0136	17 U	0.0002	0.0041	9.7	0.0002	0.0047	2.0 U	0.0000	0.0005
m-Xylene & p-Xylene		34 J	0.0007	0.0165	17	0.0003	0.0083	3.5 I	0.0001	0.0017	2.0 U	0.0000	0.0005
o-Xylene		47 U	0.0005	0.0114	17 U	0.0002	0.0041	3.5 U	0.0000	0.0008	2.0 U	0.0000	0.0005
1,1-Dichloroethene		12 J	0.0002	0.0058	16 U	0.0002	0.0039	3.5 U	0.0000	0.0008	2.0 U	0.0000	0.0005
1,2-Dichlorobenzene		62 J	0.0013	0.0301	29	0.0006	0.0141	12	0.0002	0.0058	2.0 U	0.0000	0.0005
1,4-Dichlorobenzene		65 U	0.0007	0.0158	24 U	0.0002	0.0058	3.5 U	0.0000	0.0008	2.0 U	0.0000	0.0005
Chlorobenzene		480	0.0097	0.2330	620	0.0125	0.3010	270	0.0055	0.1311	11	0.0002	0.0053
cis-1,2-Dichloroethene		4,500	0.0910	2.1848	410	0.0083	0.1991	120	0.0024	0.0583	14	0.0003	0.0068
Trichloroethene		58 U	0.0006	0.0141	21 U	0.0002	0.0051	3.5 U	0.0000	0.0008	2.0 U	0.0000	0.0005
Vinyl Chloride		3,400	0.0688	1.6507	410	0.0083	0.1991	5.2 I	0.0001	0.0025	15	0.0003	0.0073
1,2,4-Trimethylbenzene		53 U	0.0005	0.0129	25 U	0.0003	0.0061	3.5 U	0.0000	0.0008	2.0 U	0.0000	0.0005
1,3,5-Trimethylbenzene		53 U	0.0005	0.0129	20 U	0.0002	0.0049	3.5 U	0.0000	0.0008	2.0 U	0.0000	0.0005
Methylene Chloride		32 JB	0.0006	0.0155	14 U	0.0001	0.0034	3.5 U	0.0000	0.0008	6.6	0.0001	0.0032
<b>Totals</b>			0.1815	4.3560		0.0368	0.8839		0.0108	0.2595		0.0012	0.0296

Footnotes on Page 6.

**TABLE 2**  
**EFFLUENT AIR ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Analyte	Date Collected:	11/09/12			02/12/13			05/29/13			08/16/13		
	Air Flow Rate (scfm):	5400			5400			5400			5400		
	Results ( $\mu\text{g}/\text{m}^3$ )	Loading (lbs/hr)	Loading (lbs/day)										
Benzene	8.7	0.0002	0.0042	4.5	0.0001	0.0022	0.31	0.0000	0.0002	9.2	0.0000	0.0045	
Toluene	2.0 U	0.0000	0.0005	1.0 U	0.0000	0.0002	0.53	0.0000	0.0003	3.0	0.0001	0.0015	
Ethylbenzene	2.0 U	0.0000	0.0005	1.0 U	0.0000	0.0002	0.2 U	0.0000	0.0000	2.5	0.0001	0.0012	
m-Xylene & p-Xylene	2.0 U	0.0000	0.0005	2.0 U	0.0000	0.0005	0.19 J	0.0000	0.0001	2.2	0.0000	0.0011	
o-Xylene	2.0 U	0.0000	0.0005	1.0 U	0.0000	0.0002	0.099 J	0.0000	0.0000	0.94	0.0000	0.0005	
1,1-Dichloroethene	2.0 U	0.0000	0.0005	1.0 U	0.0000	0.0002	0.10 J	0.0000	0.0000	0.18 I	0.0000	0.0001	
1,2-Dichlorobenzene	2.0 U	0.0000	0.0005	1.1 I	0.0000	0.0005	0.64	0.0000	0.0003	6.4	0.0001	0.0031	
1,4-Dichlorobenzene	2.0 U	0.0000	0.0005	1.0 U	0.0000	0.0002	0.20 U	0.0000	0.0000	1.1 I	0.0000	0.0005	
Chlorobenzene	25	0.0005	0.0121	13	0.0003	0.0063	1.4	0.0000	0.0007	52	0.0011	0.0252	
cis-1,2-Dichloroethene	31	0.0006	0.0151	14	0.0003	0.0068	35	0.0007	0.0170	57	0.0012	0.0277	
Trichloroethene	2.0 U	0.0000	0.0005	1.0 U	0.0000	0.0002	0.20 U	0.0000	0.0000	0.56 I	0.0000	0.0003	
Vinyl Chloride	37	0.0007	0.0180	18	0.0004	0.0087	29	0.0006	0.0141	41	0.0008	0.0199	
1,2,4-Trimethylbenzene	2.0 U	0.0000	0.0005	2.0 U	0.0000	0.0005	0.20 U	0.0000	0.0000	1.0	0.0000	0.0005	
1,3,5-Trimethylbenzene	2.0 U	0.0000	0.0005	1.0 U	0.0000	0.0002	0.20 U	0.0000	0.0000	0.32 U	0.0000	0.0001	
Methylene Chloride	2.0 U	0.0000	0.0005	1.5 U	0.0000	0.0004	0.60	0.0000	0.0003	1.9	0.0000	0.0009	
<b>Totals</b>		0.0023	0.0547		0.0012	0.0276		0.0014	0.0332		0.0035	0.0870	

Footnotes on Page 6.

**TABLE 2**  
**EFFLUENT AIR ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Analyte	Date Collected: Air Flow Rate (scfm):	11/15/13			02/20/14			05/30/14		
		Results ( $\mu\text{g}/\text{m}^3$ )	Loading (lbs/hr)	Loading (lbs/day)	Results ( $\mu\text{g}/\text{m}^3$ )	Loading (lbs/hr)	Loading (lbs/day)	Results ( $\mu\text{g}/\text{m}^3$ )	Loading (lbs/hr)	Loading (lbs/day)
Benzene		28	0.0006	0.0136	6.4	0.0001	0.0031	17	0.0003	0.0083
Toluene		4.6 l	0.0001	0.0022	1.7	0.0000	0.0008	7.5 U	0.0002	0.0036
Ethylbenzene		10	0.0002	0.0049	2.5	0.0001	0.0012	4.8 U	0.0001	0.0023
m-Xylene & p-Xylene		5.5 l	0.0001	0.0027	4.8	0.0001	0.0023	8.7 U	0.0002	0.0042
o-Xylene		5.7 l	0.0001	0.0028	1.4	0.0000	0.0007	4.3 U	0.0001	0.0021
1,1-Dichloroethene		10	0.0002	0.0049	0.15 l	0.0000	0.0001	2.3 U	0.0000	0.0011
1,2-Dichlorobenzene		90	0.0018	0.0437	14	0.0003	0.0068	12 l	0.0002	0.0058
1,4-Dichlorobenzene		16	0.0003	0.0078	1.6	0.0000	0.0008	6.6 U	0.0001	0.0032
Chlorobenzene		340	0.0069	0.1651	35	0.0007	0.0170	106	0.0021	0.0515
cis-1,2-Dichloroethene		1,900	0.0384	0.9225	52	0.0011	0.0252	713	0.0144	0.3462
Trichloroethene		1.9 U	0.0000	0.0005	0.59 l	0.0000	0.0003	3.2 U	0.0001	0.0016
Vinyl Chloride		1,900	0.0384	0.9225	41	0.0008	0.0199	690	0.0140	0.3350
1,2,4-Trimethylbenzene		3.1 U	0.0000	0.0008	3.1	0.0001	0.0015	5.4 U	0.0001	0.0026
1,3,5-Trimethylbenzene		3.2 U	0.0000	0.0008	0.32 U	0.0000	0.0002	5.4 U	0.0001	0.0026
Methylene Chloride		9.8 l	0.0002	0.0048	1.2 l	0.0000	0.0006	7.6 U	0.0002	0.0037
<b>Totals</b>			0.0875	2.0992		0.0034	0.0805		0.0322	0.7738

**Footnotes:**µg/m<sup>3</sup> - micrograms per cubic meter air

J - Estimated result. Result is less than reportable level.

B - Method blank contamination. The associated method blank contains the target analyte at a reportable level.

U - The compound was analyzed for but not detected.

D - Compound quantitated using a secondary dilution.

scfm - standard cubic feet per minute

lbs/hr - pounds per hour

lbs/day - pounds per day

- For results below the detection limit, one half of the detection limit is used to calculate estimated loading.

**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-1B 03/05/09	MW-1B 10/21/09	MW-1B 01/07/10	MW-1B 04/13/10	MW-1B 11/02/10	MW-1B 05/24/11	MW-1B 11/29/11	MW-1B 05/08/12	MW-1B 11/08/12	MW-1B 05/30/13	MW-1B 11/14/13	MW-1B 05/28/14	MW-1C 03/05/09	MW-1C 10/21/09	MW-1C 01/07/10
Benzene	1	100	ug/L	0.50 U														
Toluene	1,000	10,000	ug/L	0.51 U														
Ethylbenzene	700	7,000	ug/L	0.44 U														
Xylenes (total)	10,000	100,000	ug/L	0.50 U														
1,1-Dichloroethane	70	700	ug/L	0.52 U														
1,1-Dichloroethene	7	70	ug/L	0.45 U														
1,2-Dichlorobenzene	600	6,000	ug/L	0.44 U														
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U														
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U														
Chlorobenzene	100	1,000	ug/L	0.63 U														
Chloroform	70	700	ug/L	0.90 U	5.2	0.90 U	1.8	0.9 U	0.98 I									
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U														
Tetrachloroethene	3	300	ug/L	0.50 U														
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U														
Trichloroethene	3	300	ug/L	0.50 U														
Vinyl Chloride	1	100	ug/L	0.50 U	2.8	1.8	0.50 U											

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-1C 04/13/10	MW-1C 11/02/10	MW-1C 05/24/11	MW-1C 11/29/11	MW-1C 05/08/12	MW-1C 11/08/12	MW-1C 05/30/13	MW-1C 11/14/13	MW-1C 05/28/14	MW-1D 03/05/09	MW-1D 10/21/09	MW-1D 01/07/10	MW-1D 04/13/10	MW-1D 11/02/10	MW-1D 05/24/11
Benzene	1	100	ug/L	0.50 U														
Toluene	1,000	10,000	ug/L	0.51 U														
Ethylbenzene	700	7,000	ug/L	0.44 U														
Xylenes (total)	10,000	100,000	ug/L	0.50 U														
1,1-Dichloroethane	70	700	ug/L	0.52 U														
1,1-Dichloroethene	7	70	ug/L	0.45 U														
1,2-Dichlorobenzene	600	6,000	ug/L	0.44 U														
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U														
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U	6.3	0.52 U	2.2	1.7										
Chlorobenzene	100	1,000	ug/L	0.63 U	0.63 U	0.63 U	2	1.3	0.74 I	2.3	0.63 U	0.63 U	67	10	58	37	51	
Chloroform	70	700	ug/L	7.6	6.6	6.6	0.9 U	0.90 U	1.5	0.90 U	0.90 U	0.9 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U	0.65 U	0.65 U	0.77 I	0.65 U	0.65 U	0.99 I	0.65 U	0.74 I						
Tetrachloroethene	3	300	ug/L	0.50 U														
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U														
Trichloroethene	3	300	ug/L	0.50 U														
Vinyl Chloride	1	100	ug/L	0.50 U	0.50 U	0.50 U	2.1	2.1	2.1	5.2	0.50 U	0.99 I	0.50 U	0.50 U	2.2	0.50 U	0.59 I	

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-1D 11/29/11	MW-1D 05/08/12	MW-1D 11/08/12	MW-1D 05/30/13	MW-1D 11/14/13	MW-1D 05/29/14	MW-1E 03/05/09	MW-1E 10/21/09	MW-1E 01/07/10	MW-1E 04/13/10	MW-1E 11/02/10	MW-1E 05/24/11	MW-1E 11/29/11	MW-1E 05/08/12	MW-1E 11/08/12
Benzene	1	100	ug/L	0.50 U														
Toluene	1,000	10,000	ug/L	0.51 U	0.52 I													
Ethylbenzene	700	7,000	ug/L	0.44 U														
Xylenes (total)	10,000	100,000	ug/L	0.50 U														
1,1-Dichloroethane	70	700	ug/L	0.52 U														
1,1-Dichloroethene	7	70	ug/L	0.45 U														
1,2-Dichlorobenzene	600	6,000	ug/L	0.73 I	0.50 I	0.44 I	0.59 I	0.44 U	0.44 U	17	6	8.2	6.8	4.4	8.3	8.8	7.2	6.1
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U														
1,4-Dichlorobenzene	75	7,500	ug/L	3.2	2.5	2	3.1	2.2	1.6	1.7	0.52 U	1.2	1.1	0.57 I	1.7	1.7	1.3	1.2
Chlorobenzene	100	1,000	ug/L	64	50	36	38	32	25	32	19	37	32	31	56	48	40	43
Chloroform	70	700	ug/L	0.90 U	0.9 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U				
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U	0.65 I	3.2	0.65 U											
Tetrachloroethene	3	300	ug/L	0.50 U														
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U														
Trichloroethene	3	300	ug/L	0.50 U														
Vinyl Chloride	1	100	ug/L	0.50 U	4.2	25	96	7.8	2.7	0.50 U	0.50 U	0.50 U	0.50 U					

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-1E 05/30/13	MW-1E 11/14/13	MW-1E 05/29/14	MW-1F 03/05/09	MW-1F 10/21/09	MW-1F 01/07/10	MW-1F 04/13/10	MW-1F 11/02/10	MW-1F 05/24/11	MW-1F 11/29/11	MW-1F 05/08/12	MW-1F 11/08/12	MW-1F 05/30/13	MW-1F 11/14/13	MW-1F 05/29/14
Benzene	1	100	ug/L	0.50 U														
Toluene	1,000	10,000	ug/L	0.51 U	0.73 I													
Ethylbenzene	700	7,000	ug/L	0.44 U														
Xylenes (total)	10,000	100,000	ug/L	0.50 U														
1,1-Dichloroethane	70	700	ug/L	0.52 U														
1,1-Dichloroethene	7	70	ug/L	0.45 U														
1,2-Dichlorobenzene	600	6,000	ug/L	8.5	7.3	4.6	0.44 U											
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U														
1,4-Dichlorobenzene	75	7,500	ug/L	1.6	1.3	0.96 I	0.52 U											
Chlorobenzene	100	1,000	ug/L	56	48	41	0.63 U											
Chloroform	70	700	ug/L	0.90 U	0.90 U	0.9 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.9 U
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U														
Tetrachloroethene	3	300	ug/L	0.50 U														
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U														
Trichloroethene	3	300	ug/L	0.50 U														
Vinyl Chloride	1	100	ug/L	0.50 U	0.82 I	1.2	0.50 U											

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-3B 03/05/09	MW-3B 10/21/09	MW-3B 01/06/10	MW-3B 04/12/10	MW-3B 11/02/10	MW-3B 05/23/11	MW-3B 11/30/11	MW-3B 05/07/12	MW-3B 11/08/12	MW-3B 05/29/13	MW-3B 11/13/13	MW-3B 05/28/14	MW-3C 03/05/09	MW-3C 10/21/09	MW-3C 01/06/10
Benzene	1	100	ug/L	1.4	2.9	2.1	1.3	0.50 U										
Toluene	1,000	10,000	ug/L	0.51 U	0.51 UJ	0.51 U												
Ethylbenzene	700	7,000	ug/L	0.44 U	0.44 UJ	0.44 U												
Xylenes (total)	10,000	100,000	ug/L	0.50 U														
1,1-Dichloroethane	70	700	ug/L	0.52 U														
1,1-Dichloroethene	7	70	ug/L	0.45 U														
1,2-Dichlorobenzene	600	6,000	ug/L	0.69 I	0.65 I	0.70 I	0.76 I	0.44 U	0.47 I	1.6	0.90 I	0.44 U	1.1	2.2	0.99 I	0.44 U	0.46 I	0.44 U
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U														
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U														
Chlorobenzene	100	1,000	ug/L	9.8	20	16	12	4.5	3.7	2	1.2	0.63 U	1.7	1.7	0.63 U	0.63 U	3	0.63 U
Chloroform	70	700	ug/L	0.90 U														
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U	0.65 UJ	0.65 U	0.65 U	0.65 U	0.68 I	1	0.65 U	0.65 U	1.0	1.1	1.3	0.65 U	0.65 U	0.65 U
Tetrachloroethene	3	300	ug/L	0.50 U														
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U	0.44 U	0.46 I	0.44 U											
Trichloroethene	3	300	ug/L	0.50 U														
Vinyl Chloride	1	100	ug/L	0.50 U	0.50 U	0.50 U	0.51 I	0.50 U	0.56 I	22	3.3	2.8	16	19	0.65 I	0.65 I	0.50 U	0.50 U

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-3C 04/12/10	MW-3C 11/02/10	MW-3C 05/23/11	MW-3C 11/30/11	MW-3C 05/07/12	MW-3C 11/08/12	MW-3C 05/29/13	MW-3C 11/13/13	MW-3C 05/28/14	MW-4B 03/06/09	MW-4B 10/21/09	MW-4B 01/06/10	MW-4B 04/12/10	MW-4B 11/02/10	
Benzene	1	100	ug/L	0.50 U														
Toluene	1,000	10,000	ug/L	0.51 U														
Ethylbenzene	700	7,000	ug/L	0.44 U														
Xylenes (total)	10,000	100,000	ug/L	0.50 U														
1,1-Dichloroethane	70	700	ug/L	0.52 U														
1,1-Dichloroethene	7	70	ug/L	0.45 U														
1,2-Dichlorobenzene	600	6,000	ug/L	0.44 U	2	1.6	1.3	1.1	0.68 I									
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U														
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U	8.6	2.8	2.7	2.7	3.4									
Chlorobenzene	100	1,000	ug/L	1.4	1.2	0.8 I	0.74 I	0.63 U	0.67 I	1.1	0.63 U	0.63 U	120	47	50	51	81	
Chloroform	70	700	ug/L	0.90 U														
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U	0.65 U	0.65 U	0.65 U	0.83 I	0.65 U	0.65 U	6.9	0.65 U	0.65 U	0.84 I	2.9	4.5	2.4	0.78 I
Tetrachloroethene	3	300	ug/L	0.50 U														
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U														
Trichloroethene	3	300	ug/L	0.50 U														
Vinyl Chloride	1	100	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.69 I	0.50 U	0.50 U	0.92 I	0.50 U	0.50 U	2.0	3.7	4.2	2.7	0.74 I

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-4B 05/24/11	MW-4B 11/29/11	MW-4B 05/08/12	MW-4B 11/08/12	MW-4B 05/30/13	MW-4B 11/14/13	MW-4B 05/28/14	MW-4C 03/06/09	MW-4C 10/21/09	MW-4C 01/06/10	MW-4C 04/12/10	MW-4C 11/02/10	MW-4C 05/24/11	MW-4C 11/29/11	MW-4C 05/08/12
Benzene	1	100	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U												
Toluene	1,000	10,000	ug/L	0.51 U	0.51 U	0.52 I	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U [0.51 U]	0.51 U						
Ethylbenzene	700	7,000	ug/L	0.44 U	0.44 U [0.44 U]	0.44 U												
Xylenes (total)	10,000	100,000	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U												
1,1-Dichloroethane	70	700	ug/L	0.52 U	0.52 U [0.52 U]	0.52 U												
1,1-Dichloroethene	7	70	ug/L	0.45 U	0.45 U [0.45 U]	0.45 U												
1,2-Dichlorobenzene	600	6,000	ug/L	1.2	0.88 I	0.88 I	0.61 I	0.44 U	0.49 I	0.44 U	0.44 U [1.5]	0.44 U						
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U	0.64 U [0.64 U]	0.64 U												
1,4-Dichlorobenzene	75	7,500	ug/L	3.9	3.3	3.4	3.8	1.5	1.3	0.81 I	0.52 U [2.9]	0.52 U						
Chlorobenzene	100	1,000	ug/L	66	61	68	62	21	18	13	0.63 U [44]	1.1	0.63 U	0.76 I	0.93 I	1.4	1.4	
Chloroform	70	700	ug/L	0.90 U	0.9 U	0.90 U	0.90 U [0.90 U]	0.90 U										
cis-1,2-Dichloroethene	70	700	ug/L	3.1	1.2	1.8	0.65 U	0.65 U	0.65 U	0.65 U	2.2	2.2 [2.8]	5.1	0.65 U	3.5	2.7	1.9	1.8
Tetrachloroethene	3	300	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U												
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U	0.67 I	0.67 I	0.49 I	0.44 U	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U						
Trichloroethene	3	300	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U												
Vinyl Chloride	1	100	ug/L	1.8	1.5	1.3	0.50 U	0.50 U	0.50 U	0.50 U	3.8	3.6 [3.5]	4.3	0.50 U	2.0	1.2	0.50 U	0.69 I

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-4C 11/08/12	MW-4C 05/29/13	MW-4C 11/14/13	MW-4C 05/28/14	MW-12A 03/05/09	MW-12A 04/03/09	MW-12A 04/09/09	MW-12A 04/15/09	MW-12A 04/21/09	MW-12A 05/21/09	MW-12A 06/19/09	MW-12A 10/21/09	MW-12A 01/06/10	MW-12A 04/14/10	MW-12A 11/01/10	MW-12A 05/23/11
Benzene	1	100	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.5	0.50 U									
Toluene	1,000	10,000	ug/L	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U				
Ethylbenzene	700	7,000	ug/L	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	1				
Xylenes (total)	10,000	100,000	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U				
1,1-Dichloroethane	70	700	ug/L	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U				
1,1-Dichloroethene	7	70	ug/L	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U				
1,2-Dichlorobenzene	600	6,000	ug/L	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.52 I				
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U				
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U				
Chlorobenzene	100	1,000	ug/L	1.2	2.5	2.3	1.3	0.63 U	11	2	0.63 U	0.63 U	0.63 U	0.77 I					
Chloroform	70	700	ug/L	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U				
cis-1,2-Dichloroethene	70	700	ug/L	0.88 I	1.5	0.78 I	0.81 I	0.65 U	1										
Tetrachloroethene	3	300	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U				
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U				
Trichloroethene	3	300	ug/L	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U				
Vinyl Chloride	1	100	ug/L	0.50 U	0.79 I	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.77 I

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-12A 11/28/11	MW-12A 05/07/12	MW-12A 11/07/12	MW-12A 05/29/13	MW-12A 11/13/13	MW-12A 05/28/14	MW-12B 04/03/09	MW-12B 03/05/09	MW-12B 04/09/09	MW-12B 04/15/09	MW-12B 04/21/09	MW-12B 05/21/09	MW-12B 06/19/09	MW-12B 10/21/09	MW-12B 01/06/10	
Benzene	1	100	ug/L	0.50 U	0.68 I	0.50 U [0.50 U]	0.50 U	1.6	0.61 I										
Toluene	1,000	10,000	ug/L	0.51 U	0.51 U [0.51 U]	0.51 U													
Ethylbenzene	700	7,000	ug/L	0.44 U	0.44 U [0.44 U]	0.44 U													
Xylenes (total)	10,000	100,000	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U													
1,1-Dichloroethane	70	700	ug/L	0.52 U	0.52 U [0.52 U]	0.52 U													
1,1-Dichloroethene	7	70	ug/L	0.45 U	0.45 U [0.45 U]	0.45 U													
1,2-Dichlorobenzene	600	6,000	ug/L	0.44 U	0.44 U [0.44 U]	0.44 U													
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U	0.64 U [0.64 U]	0.64 U													
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U	0.52 U [0.52 U]	0.52 U													
Chlorobenzene	100	1,000	ug/L	0.63 U	0.63 U [0.63 U]	0.63 U	1.4	2.6											
Chloroform	70	700	ug/L	0.90 U	0.9 U	0.90 U	0.90 U [0.90 U]	0.90 U											
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U	0.65 U [0.65 U]	0.65 U													
Tetrachloroethene	3	300	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U													
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U	0.44 U [0.44 U]	0.44 U													
Trichloroethene	3	300	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U													
Vinyl Chloride	1	100	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U													

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-12B 04/14/10	MW-12B 11/01/10	MW-12B 05/23/11	MW-12B 11/28/11	MW-12B 05/07/12	MW-12B 11/07/12	MW-12B 05/29/13	MW-12B 11/13/13	MW-12B 05/28/14	MW-13A 03/05/09	MW-13A 04/03/09	MW-13A 04/09/09	MW-13A 04/15/09	MW-13A 04/21/09	MW-13A 05/21/09	
Benzene	1	100	ug/L	0.50 U	0.50 U	0.50 U	5.5	0.50 U	5.5	0.50 U									
Toluene	1,000	10,000	ug/L	0.51 U															
Ethylbenzene	700	7,000	ug/L	0.44 U															
Xylenes (total)	10,000	100,000	ug/L	0.50 U	0.89 I	0.50 U	0.50 U												
1,1-Dichloroethane	70	700	ug/L	0.52 U															
1,1-Dichloroethene	7	70	ug/L	0.45 U	0.51 I	0.45 U	0.45 U	0.85 I											
1,2-Dichlorobenzene	600	6,000	ug/L	0.44 U	0.44 U	0.44 U	0.87 I	0.44 U	0.59 I	0.44 U	0.44 U	0.44 U	0.44 U	6.9	24	24	29	58	61
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U	0.64 U														
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U	1.5	0.52 U	0.83 I	1.1	2.1	2.6									
Chlorobenzene	100	1,000	ug/L	0.63 U	0.63 U	0.63 U	23	0.63 U	51	0.63 U	0.96 I	0.63 U							
Chloroform	70	700	ug/L	0.90 U															
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U	0.65 U	0.65 U	0.72 I	0.65 U	1.8	7.3	8.2	13	18	22					
Tetrachloroethene	3	300	ug/L	0.50 U	1.5	6.6	6.8	6.2	9.5	15									
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U	0.48 I	0.51 I	0.60 I	0.60 I	0.92 I										
Trichloroethene	3	300	ug/L	0.50 U	19	21	28	45	58										
Vinyl Chloride	1	100	ug/L	0.50 U	0.50 U	0.50 U	0.66 I	0.50 U	0.70 I	0.65 I	0.50 U	0.50 U	1.5						

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-13A 06/18/09	MW-13A 10/21/09	MW-13A 01/07/10	MW-13A 04/14/10	MW-13A 11/04/10	MW-13A 05/23/11	MW-13A 11/28/11	MW-13A 05/07/12	MW-13A 11/07/12	MW-13A 05/29/13	MW-13A 11/13/13	MW-13A 05/27/14	MW-13B 03/05/09	MW-13B 04/03/09	MW-13B 04/09/09
Benzene	1	100	ug/L	0.50 U	0.50 U	0.50 U	0.50 U (0.50 U)	0.50 U	94	86 [92]	98							
Toluene	1,000	10,000	ug/L	0.51 U	0.51 U	0.51 U	0.51 U (0.51 U)	0.51 U	10 U	1.3 [1.6]	10 U							
Ethylbenzene	700	7,000	ug/L	0.44 U	0.44 U	0.44 U	0.44 U (0.44 U)	0.44 U	8.8 U	1.5 [1.7]	8.8 U							
Xylenes (total)	10,000	100,000	ug/L	0.50 U	0.50 U	0.50 U	0.50 U (0.50 U)	0.50 U	1.6 I	0.50 U	10 U	3.8 [4.5]	10 U					
1,1-Dichloroethane	70	700	ug/L	0.52 U	0.52 U	0.52 U	0.52 U (0.52 U)	0.52 U	10 U	0.52 U [0.52 U]	10 U							
1,1-Dichloroethene	7	70	ug/L	0.45 U	0.45 U	0.45 U	0.45 U (0.45 U)	0.45 U	9.0 U	0.45 U [0.45 U]	9.0 U							
1,2-Dichlorobenzene	600	6,000	ug/L	25	19	15	17 (16)	12	75	43	44	5.9	9.1	2.5	13	8.8 U	0.44 U [0.44 U]	8.8 U
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U	0.64 U	0.64 U	0.64 U (0.64 U)	0.64 U	13 U	0.64 U [0.64 U]	13 U							
1,4-Dichlorobenzene	75	7,500	ug/L	0.98 I	0.52 U	0.82 I	0.52 U (0.52 U)	0.52 U	3.4	2	2	0.52 U	0.60 I	0.52 U	0.61 I	57	9.4 [12]	11 I
Chlorobenzene	100	1,000	ug/L	0.63 U	0.63 U	0.63 U	0.63 U (0.63 U)	0.63 U	2.1	0.63 U	2,400	980 [1,100]	1,600					
Chloroform	70	700	ug/L	0.90 U	0.90 U	0.90 U	0 U (0.90 U)	0.90 U	18 U	0.90 U [0.90 U]	18 U							
cis-1,2-Dichloroethene	70	700	ug/L	7.6	2	28	8.6 (8.9)	15	120	25	53	0.84 I	4.7	0.77 I	14	13 U	0.65 U [0.65 U]	13 U
Tetrachloroethene	3	300	ug/L	5.3	3.3	2.8	2 (2)	1.1	16	5.5	10	1.4	1.3	0.50 U	1.8	10 U	0.50 U [0.50 U]	10 U
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U	0.44 U	0.44 U	0.44 U (0.44 U)	0.44 U	3.2	0.48 I	0.98 I	0.44 U	0.44 U	0.44 U	0.44 U	8.8 U	0.44 U [0.44 U]	8.8 U
Trichloroethene	3	300	ug/L	24	11	22	16 (17)	23	290	120	130	3.6	14	1.3	28	10 U	0.50 U [0.50 U]	10 U
Vinyl Chloride	1	100	ug/L	0.50 U	0.50 U	5.2	1.4 (1.2)	4.0	19	3.4	7.8	0.50 U	0.87 I	0.50 U	4.0	10 U	0.50 U [1.3]	10 U

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-13B 04/15/09	MW-13B 04/21/09	MW-13B 05/21/09	MW-13B 06/18/09	MW-13B 10/21/09	MW-13B 01/07/10	MW-13B 04/14/10	MW-13B 11/04/10	MW-13B 05/23/11	MW-13B 11/28/11	MW-13B 05/07/12	MW-13B 11/07/12	MW-13B 05/29/13
Benzene	1	100	ug/L	88	35	92	85 [93]	330	240 [240]	290 (300)	120	3.1	0.68 I	0.50 U	0.50 U [0.50 U]	0.50 U [0.50 U]
Toluene	1,000	10,000	ug/L	1.7	5.1 U	1.5	1.2 [1.3]	2.3	1.5 [1.6]	1 (1)	0.94 I	0.51 U	0.51 U	0.51 U [0.51 U]	0.51 U [0.51 U]	
Ethylbenzene	700	7,000	ug/L	1.7	4.4 U	1.9	1.5 [1.5]	2.6	1.9 [2.4]	1.2 (1.1)	1	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U [0.44 U]	
Xylenes (total)	10,000	100,000	ug/L	4.6	5.0 U	5.1	4.4 [4.3]	8.1	5.1 [6.1]	4.3 (3.8)	3.3	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U [0.50 U]	
1,1-Dichloroethane	70	700	ug/L	0.52 U	5.2 U	0.52 U	0.52 U [0.52 U]	0.52 U	0.52 U [0.52 U]	0.52 U (0.52 U)	0.52 U	0.52 U	0.52 U	0.52 U [0.52 U]	0.52 U [0.52 U]	
1,1-Dichloroethene	7	70	ug/L	0.45 U	4.5 U	0.45 U	0.45 U [0.45 U]	0.45 U	0.45 U [0.45 U]	0.45 U (0.45 U)	0.45 U	0.45 U	0.45 U	0.45 U [0.45 U]	0.45 U [0.45 U]	
1,2-Dichlorobenzene	600	6,000	ug/L	0.44 U	4.4 U	0.44 U	0.47 I [0.44 U]	0.49 I	0.61 I [0.50 I]	0.44 U (0.44 U)	0.44 U	0.44 U	0.44 U	0.68 I	0.44 U [0.44 U]	0.47 I [0.44 U]
1,3-Dichlorobenzene	210	2,100	ug/L	4.3	6.4 U	5.7	4.3 [4.4]	4.6	2.6 [3.5]	1.8 (1.4)	1.4	0.64 U	0.64 U	1.2	0.64 U [0.64 U]	0.64 U [0.64 U]
1,4-Dichlorobenzene	75	7,500	ug/L	13	17	19	14 [15]	14	11 [15]	6.7 (5.4)	3.2	3.3	8.8	9.7	2.7 [2.8]	0.85 I [0.83 I]
Chlorobenzene	100	1,000	ug/L	1,300	1,200	1,300	980 [990]	730	1,200 [1,200]	1,300 (1,300)	1200	110	130	90	15 [17]	4.0 [4.2]
Chloroform	70	700	ug/L	0.90 U	9.0 U	0.90 U	0.90 U [0.90 U]	0.90 U	0.90 U [0.90 U]	0.90 U (0.90 U)	0.90 U	0.90 U	0.90 U	0.90 U [0.90 U]	0.90 U [0.90 U]	
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U	6.5 U	0.65 U	0.65 U [0.65 U]	0.65 U	0.65 U [0.65 U]	0.65 U (0.65 U)	0.65 U	1.5	0.65 U	0.65 U	1.4 [0.97 I]	0.65 U [0.65 U]
Tetrachloroethene	3	300	ug/L	0.50 U	5.0 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U [0.50 U]	2.9 (2.7)	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U [0.50 U]	
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U	4.4 U	0.44 U	0.44 U [0.44 U]	0.44 U	0.44 I [0.44 U]	0.44 U (0.44 U)	0.44 U	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U [0.44 U]	
Trichloroethene	3	300	ug/L	0.50 U	5.0 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U [0.50 U]	0.50 U (0.50 U)	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U [0.50 U]	
Vinyl Chloride	1	100	ug/L	1.8	7.0 I	0.91 I	0.56 I [0.58 I]	0.50 U	1.1 [1.1]	0.50 U (0.53 I)	0.64 I	2.9	3.5	1.8	4.0 [4.0]	1.2 [1.6]

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-13B 11/13/13	MW-13B 05/27/14	MW-13C 03/05/09	MW-13C 04/03/09	MW-13C 04/09/09	MW-13C 04/15/09	MW-13C 04/21/09	MW-13C 05/21/09	MW-13C 06/18/09	MW-13C 10/21/09	MW-13C 01/07/10	MW-13C 04/14/10	MW-13C 11/04/10	MW-13C 05/23/11	MW-13C 11/28/11	
	Date Collected:	MCL	Units	11/13/13	05/27/14	03/05/09	04/03/09	04/09/09	04/15/09	04/21/09	05/21/09	06/18/09	10/21/09	01/07/10	04/14/10	11/04/10	05/23/11	11/28/11	
Benzene	1	100	ug/L	0.58 I	2.8	670	140	91	22	55	15 [15]	16	17	4.7	12	3.7 [4.1]	2.1	3.8	
Toluene	1,000	10,000	ug/L	0.51 U	0.51 U	2.6	0.57 I	0.51 U	0.51 U	0.51 U	0.51 U [0.51 U]	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U [0.51 U]	0.51 U	0.51 U	
Ethylbenzene	700	7,000	ug/L	0.44 U	0.44 U	3.2	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U	0.44 U	
Xylenes (total)	10,000	100,000	ug/L	0.50 U	0.50 U	8.3	0.70 I	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]	0.62 I	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	
1,1-Dichloroethane	70	700	ug/L	0.52 U	0.52 U [0.52 U]	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U [0.52 U]	0.52 U	0.52 U							
1,1-Dichloroethene	7	70	ug/L	0.45 U	0.45 U [0.45 U]	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U [0.45 U]	0.45 U	0.45 U							
1,2-Dichlorobenzene	600	6,000	ug/L	0.47 I	0.50 I	1.2	0.44 U	1.2	1.6	1	1.7 [1.4]	1.6	1.8	1.6	1.6	1 [0.63 I]	1	1.5	
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U	0.64 U	0.88 I	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U [0.64 U]	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U [0.64 U]	0.64 U	0.64 U	
1,4-Dichlorobenzene	75	7,500	ug/L	1.6	1.8	9.1	0.52 U	2.2	2.3	2.5	2.8 [2.4]	2.7	2.7	1.9	2.1	2.7 [1.7]	3.6	8.3	
Chlorobenzene	100	1,000	ug/L	19	40	710	140	110	63	100	66 [64]	80	100	51	73	95 [77]	97	140	
Chloroform	70	700	ug/L	0.90 U	0.9 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U [0.90 U]	0.90 U	0.90 U	0.90 U	0.90 U	0.9 U [0.9]	0.90 U	0.90 U	
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U	0.91 I	0.65 U	0.72 I [0.72 I]	0.70 I	0.65 U	0.88 I	1	0.81 I [0.74 I]	1.2	1					
Tetrachloroethene	3	300	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U							
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U	0.44 U [0.44 U]	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U	0.44 U							
Trichloroethene	3	300	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U							
Vinyl Chloride	1	100	ug/L	1.5	3.7	1.4	1.3	0.88 I	1.9	0.79 I	0.81 I [0.92 I]	0.69 I	1.0	1.0	0.91 I	0.75 I [0.71 I]	0.50 U	0.8 I	

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-13C 05/07/12	MW-13C 11/07/12	MW-13C 05/29/13	MW-13C 11/13/13	MW-13C 05/27/14	MW-14A 03/05/09	MW-14A 04/03/09	MW-14A 04/09/09	MW-14A 04/15/09	MW-14A 04/21/09	MW-14A 05/21/09	MW-14A 06/18/09	MW-14A 06/18/09	MW-14A 10/19/09	MW-14A 01/07/10	MW-14A 04/14/10
Benzene	1	100	ug/L	1.2	2	0.70 I	1.8 [2]	0.50 U											
Toluene	1,000	10,000	ug/L	0.51 U	0.51 U	0.51 U	0.51 U [0.51 U]	0.51 U											
Ethylbenzene	700	7,000	ug/L	0.44 U	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U											
Xylenes (total)	10,000	100,000	ug/L	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U											
1,1-Dichloroethane	70	700	ug/L	0.52 U	0.52 U	0.52 U	0.52 U [0.52 U]	0.52 U											
1,1-Dichloroethene	7	70	ug/L	0.45 U	0.45 U	0.45 U	0.45 U [0.45 U]	0.45 U											
1,2-Dichlorobenzene	600	6,000	ug/L	0.95 I	0.90 I	2.2	2.2 [2.1]	0.81 I	0.44 U										
1,3-Dichlorobenzene	210	2,100	ug/L	1.2	0.83 I	1.6	1.7 [1.9]	0.64 U											
1,4-Dichlorobenzene	75	7,500	ug/L	13	8.5	20	17 [18]	4.5	0.52 U										
Chlorobenzene	100	1,000	ug/L	260	150	260	250 [230]	57	0.63 U										
Chloroform	70	700	ug/L	0.90 U	0.90 U	0.90 U	0.90 U [0.90 U]	0.9 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	
cis-1,2-Dichloroethene	70	700	ug/L	0.76 I	1.5	2	1.6 [1.6]	15	0.65 U	0.65 U	0.65 U	1.1	0.76 I	0.65 U					
Tetrachloroethene	3	300	ug/L	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U											
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U											
Trichloroethene	3	300	ug/L	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U											
Vinyl Chloride	1	100	ug/L	0.50 U	3.2	9.1	2.6 [2.8]	18	0.50 U										

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-14A	MW-14A	MW-14A	MW-14A	MW-14A	MW-14A	MW-14B										
				11/01/10	05/23/11	11/28/11	05/07/12	11/07/12	11/13/13	03/05/09	04/03/09	04/09/09	04/15/09	04/21/09	05/21/09	06/18/09	10/19/09	10/19/09	01/07/10	04/14/10
Benzene	1	100	ug/L	0.50 U																
Toluene	1,000	10,000	ug/L	0.51 U																
Ethylbenzene	700	7,000	ug/L	0.44 U																
Xylenes (total)	10,000	100,000	ug/L	0.50 U																
1,1-Dichloroethane	70	700	ug/L	0.52 U																
1,1-Dichloroethene	7	70	ug/L	0.45 U																
1,2-Dichlorobenzene	600	6,000	ug/L	0.44 U																
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U																
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U																
Chlorobenzene	100	1,000	ug/L	0.63 U																
Chloroform	70	700	ug/L	0.90 U																
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U	4.7	0.65 U	0.65 U	0.65 U	0.93 I	0.65 U	1.1	0.65 U								
Tetrachloroethene	3	300	ug/L	0.50 U																
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U																
Trichloroethene	3	300	ug/L	0.50 U	2.1	0.50 U														
Vinyl Chloride	1	100	ug/L	0.50 U																

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-14B 11/01/10	MW-14B 05/23/11	MW-14B 11/28/11	MW-14B 05/07/12	MW-14B 11/07/12	MW-14C 11/13/13	MW-14C 03/05/09	MW-14C 04/03/09	MW-14C 04/09/09	MW-14C 04/15/09	MW-14C 04/21/09	MW-14C 05/21/09	MW-14C 06/18/09	MW-14C 10/19/09	MW-14C 01/07/10
Benzene	1	100	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U	0.50 U									
Toluene	1,000	10,000	ug/L	0.51 U	0.51 U [0.51 U]	0.51 U	0.51 U	0.51 U	0.51 U									
Ethylbenzene	700	7,000	ug/L	0.44 U	0.44 U [0.44 U]	0.44 U	0.44 U	0.44 U	0.44 U									
Xylenes (total)	10,000	100,000	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.60 U	0.50 U									
1,1-Dichloroethane	70	700	ug/L	0.52 U	0.52 U [0.52 U]	0.52 U	0.52 U	0.52 U	0.52 U									
1,1-Dichloroethene	7	70	ug/L	0.45 U	0.45 U [0.45 U]	0.45 U	0.45 U	0.45 U	0.45 U									
1,2-Dichlorobenzene	600	6,000	ug/L	0.44 U	0.44 U [0.44 U]	0.44 U	0.44 U	0.44 U	0.44 U									
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U	0.64 U [0.64 U]	0.64 U	0.64 U	0.64 U	0.64 U									
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U	0.52 U [0.52 U]	0.52 U	0.52 U	0.52 U	0.52 U									
Chlorobenzene	100	1,000	ug/L	0.63 U	0.63 U [0.63 U]	0.63 U	0.63 U	0.63 U	0.63 U									
Chloroform	70	700	ug/L	0.90 U	0.90 U [0.90 U]	0.90 U	0.90 U	0.90 U	0.90 U									
cis-1,2-Dichloroethene	70	700	ug/L	1	1.8	0.65 U	0.65 U [0.65 U]	0.65 U	0.65 U	0.65 U	0.65 U							
Tetrachloroethene	3	300	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U	0.50 U									
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U	0.44 U [0.44 U]	0.44 U	0.44 U	0.44 U	0.44 U									
Trichloroethene	3	300	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U	0.50 U									
Vinyl Chloride	1	100	ug/L	0.50 U	0.50 U	0.94 I	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U	0.50 U						

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-14C 04/14/10	MW-14C 11/01/10	MW-14C 05/23/11	MW-14C 11/28/11	MW-14C 05/07/12	MW-14C 11/07/12	MW-14C 11/13/13	MW-18A 03/06/09	MW-18A 10/21/09	MW-18A 01/06/10	MW-18A 04/13/10	MW-18A 11/03/10	MW-18A 05/25/11	MW-18A 11/30/11	MW-18A 05/08/12	MW-18A 11/09/12
Benzene	1	100	ug/L	0.50 U															
Toluene	1,000	10,000	ug/L	0.51 U															
Ethylbenzene	700	7,000	ug/L	0.44 U															
Xylenes (total)	10,000	100,000	ug/L	0.50 U															
1,1-Dichloroethane	70	700	ug/L	0.52 U															
1,1-Dichloroethene	7	70	ug/L	0.45 U	2.3	5.9	6.4	5.2	3.8	0.45 U	0.45 U	0.58 I							
1,2-Dichlorobenzene	600	6,000	ug/L	0.44 U															
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U															
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U															
Chlorobenzene	100	1,000	ug/L	0.63 U															
Chloroform	70	700	ug/L	0.90 U															
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U															
Tetrachloroethene	3	300	ug/L	0.50 U															
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U															
Trichloroethene	3	300	ug/L	0.50 U															
Vinyl Chloride	1	100	ug/L	0.50 U															

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-18A	MW-18B	MW-18C	MW-18C	MW-18C	MW-18C									
				11/15/13	03/06/09	10/21/09	01/06/10	04/13/10	11/03/10	05/25/11	11/30/11	05/08/12	11/09/12	11/15/13	03/06/09	10/21/09	01/06/10	04/13/10
Benzene	1	100	ug/L	0.50 U														
Toluene	1,000	10,000	ug/L	0.51 U	0.52 I	0.51 U												
Ethylbenzene	700	7,000	ug/L	0.44 U														
Xylenes (total)	10,000	100,000	ug/L	0.50 U														
1,1-Dichloroethane	70	700	ug/L	0.52 U	1.9	1.6	1.7	2	2.1	2.8	2.5	1.9	1.7	1.5	0.52 U	0.52 U	0.52 U	0.52 U
1,1-Dichloroethene	7	70	ug/L	0.45 U	17	9.8	8.8	8.5	8	10	7.2	9.4	6.6	5.4	0.45 U	0.45 U	0.45 U	0.45 U
1,2-Dichlorobenzene	600	6,000	ug/L	0.44 U														
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U														
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U														
Chlorobenzene	100	1,000	ug/L	0.63 U														
Chloroform	70	700	ug/L	0.90 U														
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U														
Tetrachloroethene	3	300	ug/L	0.50 U														
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U														
Trichloroethene	3	300	ug/L	0.50 U														
Vinyl Chloride	1	100	ug/L	0.50 U														

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-18C 11/03/10	MW-18C 05/25/11	MW-18C 11/30/11	MW-18C 05/08/12	MW-18C 11/09/12	MW-18C 11/15/13	MW-19A 04/03/09	MW-19A 04/08/09	MW-19A 04/15/09	MW-19A 04/20/09	MW-19A 05/22/09	MW-19A 06/19/09	MW-19A 10/20/09	MW-19A 01/07/10	MW-19A 04/12/10
Benzene	1	100	ug/L	0.50 U														
Toluene	1,000	10,000	ug/L	0.51 U														
Ethylbenzene	700	7,000	ug/L	0.44 U														
Xylenes (total)	10,000	100,000	ug/L	0.50 U														
1,1-Dichloroethane	70	700	ug/L	0.52 U														
1,1-Dichloroethene	7	70	ug/L	0.45 U														
1,2-Dichlorobenzene	600	6,000	ug/L	0.44 U	1.1	0.44 U	0.44 U	0.44 U	0.44 U									
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U														
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U														
Chlorobenzene	100	1,000	ug/L	0.63 U	3.1	0.63 U	0.63 U	0.63 U	0.63 U									
Chloroform	70	700	ug/L	0.90 U														
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U	1.9	0.65 U	0.65 U	0.65 U	0.65 U									
Tetrachloroethene	3	300	ug/L	0.50 U														
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U														
Trichloroethene	3	300	ug/L	0.50 U														
Vinyl Chloride	1	100	ug/L	0.50 U	0.53 I	48	0.50 U	0.50 U	0.50 U	0.50 U								

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-19A	MW-19B	MW-19B	MW-19B	MW-19B	MW-19B	MW-19B								
				11/03/10	05/25/11	11/30/11	05/08/12	11/09/12	06/03/13	11/15/13	05/30/14	03/05/09	04/03/09	04/08/09	04/15/09	04/20/09		
Benzene	1	100	ug/L	0.50 U	2.3	0.50 U												
Toluene	1,000	10,000	ug/L	0.51 U														
Ethylbenzene	700	7,000	ug/L	0.44 U														
Xylenes (total)	10,000	100,000	ug/L	0.50 U	0.96 I	0.50 U												
1,1-Dichloroethane	70	700	ug/L	0.52 U														
1,1-Dichloroethene	7	70	ug/L	0.45 U														
1,2-Dichlorobenzene	600	6,000	ug/L	0.44 U	19	1.1	0.44 U	3.3	0.44 U	0.44 U	0.44 U	45	25	20	25	23	19	24
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U	0.74 I	0.64 U	0.64 U											
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U	5.3	0.59 I	0.52 U	0.97 I	0.52 U	0.52 U	0.52 U	6.9	2	2.9	3.6	3.4	2.5	3.1
Chlorobenzene	100	1,000	ug/L	0.63 U	120	6.7	0.63 U	20	0.63 U	0.63 U	0.63 U	21	19	15	18	15	12	17
Chloroform	70	700	ug/L	0.90 U	0.90 U													
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U	1.1	1.6	0.65 U	0.65 U										
Tetrachloroethene	3	300	ug/L	0.50 U	0.50 U													
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U	0.44 U													
Trichloroethene	3	300	ug/L	0.50 U	0.50 U													
Vinyl Chloride	1	100	ug/L	0.50 U	41	3.2	0.50 U	3.5	0.50 U	0.50 U	0.50 U	0.91 I	0.50 U	1.1	2.4	1.4	1.0	0.98 I

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-19B 10/20/09	MW-19B 01/07/10	MW-19B 04/12/10	MW-19B 11/03/10	MW-19B 05/25/11	MW-19B 11/30/11	MW-19B 05/08/12	MW-19B 11/09/12	MW-19B 06/03/13	MW-19B 11/15/13	MW-19B 05/30/14	MW-19C 03/05/09	MW-19C 04/03/09	MW-19C 04/08/09	MW-19C 04/15/09	
Benzene	1	100	ug/L	0.50 U	0.73 I	0.88 I	0.86 I	0.50 U	0.50 U	0.50 U	5.0 U	0.50 U	2.5 U	0.50 U [0.50 U]					
Toluene	1,000	10,000	ug/L	0.51 U	5.1 U	0.51 U	2.6 U	0.51 U [0.51 U]											
Ethylbenzene	700	7,000	ug/L	0.44 U	4.4 U	0.44 U	2.2 U	0.44 U [0.44 U]											
Xylenes (total)	10,000	100,000	ug/L	0.50 U	5.0 U	0.50 U	2.5 U	0.50 U [0.50 U]											
1,1-Dichloroethane	70	700	ug/L	0.52 U	5.2 U	0.52 U	2.6 U	0.52 U [0.52 U]											
1,1-Dichloroethene	7	70	ug/L	0.45 U	4.5 U	0.45 U	2.2 U	0.45 U [0.45 U]											
1,2-Dichlorobenzene	600	6,000	ug/L	14	12	17	13	7.4	7.6	8.7	5.3	2.9	1.8	1.2	71	39	26	28 [27]	
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U	6.4 U	0.64 U	3.2 U	0.64 U [0.64 U]											
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U	2	2.3	1.8	1.1	1.1	1.2	1.2	1.2	0.95 I	0.56 I	5.2 U	0.52 U	2.6 U	0.52 U [0.52 U]	
Chlorobenzene	100	1,000	ug/L	16	21	23	23	10	6.8	5.9	6.4	3.8	5.1	2.1	11	2	3.2 U	2.0 [2.0]	
Chloroform	70	700	ug/L	0.90 U	0.9 U	0.90 U	0.90 U	0.90 U	0.90 U	0.9 U	9.0 U	0.90 U	4.5 U	0.90 U [0.90 U]					
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U	25	17	13	16 [17]											
Tetrachloroethene	3	300	ug/L	0.50 U	5.0 U	0.50 U	2.5 U	0.50 U [0.50 U]											
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U	0.77 I	1.1	4.4 U	0.49 I	2.2 U	0.57 I [0.58 I]									
Trichloroethene	3	300	ug/L	0.50 U	5.0 U	0.50 U	2.5 U	0.50 U [0.50 U]											
Vinyl Chloride	1	100	ug/L	1.5	3.2	1.6	1.2	1.7	1.2	1.0	4.0	5.9	14	26	910	320	390	200 [440]	

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-19C 04/20/09	MW-19C 05/22/09	MW-19C 06/19/09	MW-19C 10/20/09	MW-19C 01/07/10	MW-19C 04/12/10	MW-19C 11/04/10	MW-19C 05/25/11	MW-19C 11/30/11	MW-19C 05/08/12	MW-19C 11/09/12	MW-19C 06/30/13	MW-19C 11/15/13
Benzene	1	100	ug/L	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U [0.50 U]	0.50 U [0.50 U]
Toluene	1,000	10,000	ug/L	1.0 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U [0.51 U]	0.51 U	0.51 U [0.51 U]	0.51 U	0.51 U [0.51 U]	0.51 U [0.51 U]
Ethylbenzene	700	7,000	ug/L	0.88 U	0.44 U [0.44 U]	0.44 U	0.44 U [0.44 U]	0.44 U	0.44 U [0.44 U]	0.44 U [0.44 U]						
Xylenes (total)	10,000	100,000	ug/L	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U [0.50 U]	0.50 U [0.50 U]
1,1-Dichloroethane	70	700	ug/L	1.0 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U [0.52 U]	0.52 U	0.52 U [0.52 U]	0.52 U	0.52 U [0.52 U]	0.52 U [0.52 U]
1,1-Dichloroethene	7	70	ug/L	0.90 U	0.45 U [0.45 U]	0.45 U	0.45 U [0.45 U]	0.45 U	0.45 U [0.45 U]	0.45 U [0.45 U]						
1,2-Dichlorobenzene	600	6,000	ug/L	24	25	32	32	25	24	25	22 [29]	23	19 [22]	17	16 [17]	31 [30]
1,3-Dichlorobenzene	210	2,100	ug/L	1.3 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U [0.64 U]	0.64 U	0.64 U [0.64 U]	0.64 U	0.64 U [0.64 U]	0.64 U [0.64 U]
1,4-Dichlorobenzene	75	7,500	ug/L	1.0 U	0.57 I	0.76 I	0.52 U	0.73 I	0.52 U	0.74 I	0.59 I [0.77 I]	0.58 I	0.69 I [0.67 I]	0.57 I	0.52 U [0.61 I]	1.9 [1.9]
Chlorobenzene	100	1,000	ug/L	1.3 U	1.9	2.2	1.6	1.5	0.63 U	1.1	0.64 I [0.69 I]	0.63 U	0.83 I [0.63 U]	0.87 I	1.8 [1.9]	16 [15]
Chloroform	70	700	ug/L	1.8 U	0.90 U	0.90 U	0.90 U	0.90 U	0.9 U	0.9 U	0.9 U [0.9 U]	0.9 U	0.90 U [0.90 U]	0.90 U	0.90 U [0.90 U]	0.90 U [0.90 U]
cis-1,2-Dichloroethene	70	700	ug/L	8.3	18	6.1	6.2	3.5	4.3	4.7	5.1 [5]	1.4	0.73 I [0.65 U]	0.81 I	0.65 U [0.65 U]	0.65 U [0.65 U]
Tetrachloroethene	3	300	ug/L	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U [0.50 U]	0.50 U [0.50 U]
trans-1,2-Dichloroethene	100	1,000	ug/L	0.88 U	0.44 U [0.44 U]	0.44 U	0.44 U [0.44 U]	0.44 U	0.44 U [0.44 U]	0.44 U [0.44 U]						
Trichloroethene	3	300	ug/L	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U [0.50 U]	0.50 U [0.50 U]
Vinyl Chloride	1	100	ug/L	250	400	110	220	130	120	110	390 [420]	840	830 [550]	820	450 [510]	240 [240]

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-19C 05/30/14	MW-19D 03/05/09	MW-19D 04/03/09	MW-19D 04/08/09	MW-19D 04/15/09	MW-19D 04/20/09	MW-19D 05/22/09	MW-19D 06/19/09	MW-19D 10/20/09	MW-19D 01/07/10	MW-19D 04/12/10	MW-19D 11/04/10
Benzene	1	100	ug/L	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]
Toluene	1,000	10,000	ug/L	0.51 U [0.51 U]	0.51 U	0.51 U	0.51 U [0.51 U]	0.51 U	0.51 U	0.51 U [0.51 U]	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U [0.51 U]
Ethylbenzene	700	7,000	ug/L	0.44 U [0.44 U]	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U [0.44 U]
Xylenes (total)	10,000	100,000	ug/L	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]
1,1-Dichloroethane	70	700	ug/L	0.52 U [0.52 U]	0.52 U	0.52 U	0.52 U [0.52 U]	0.52 U	0.52 U	0.52 U [0.52 U]	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U [0.52 U]
1,1-Dichloroethene	7	70	ug/L	0.45 U [0.45 U]	0.45 U	0.45 U	0.45 U [0.45 U]	0.45 U	0.45 U	0.45 U [0.45 U]	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U [0.45 U]
1,2-Dichlorobenzene	600	6,000	ug/L	48 [45]	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U [0.44 U]
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U [0.64 U]	0.64 U	0.64 U	0.64 U [0.64 U]	0.64 U	0.64 U	0.64 U [0.64 U]	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U [0.64 U]
1,4-Dichlorobenzene	75	7,500	ug/L	3.8 [3.5]	0.52 U	0.52 U	0.52 U [0.52 U]	0.52 U	0.52 U	0.52 U [0.52 U]	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U [0.52 U]
Chlorobenzene	100	1,000	ug/L	23 [24]	0.63 U	0.63 U	0.63 U [0.63 U]	0.63 U	0.63 U	0.63 U [0.63 U]	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U [0.63 U]
Chloroform	70	700	ug/L	0.9 U [0.9 U]	0.90 U	0.90 U	0.90 U [0.90 U]	0.90 U	0.90 U	0.90 U [0.90 U]	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U [0.90 U]
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U [0.65 U]	0.65 U	0.65 U	0.65 U [0.65 U]	0.65 U	0.65 U	0.65 U [0.65 U]	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U [0.65 U]
Tetrachloroethene	3	300	ug/L	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U [0.44 U]	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U [0.44 U]
Trichloroethene	3	300	ug/L	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]
Vinyl Chloride	1	100	ug/L	66 [88]	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-19D 05/25/11	MW-19D 11/30/11	MW-19D 05/08/12	MW-19D 11/09/12	MW-19D 06/03/13	MW-19D 11/15/13	MW-19D 05/30/14	MW-20A 03/05/09	MW-20A 04/02/09	MW-20A 04/08/09	MW-20A 04/14/09	MW-20A 04/20/09	MW-20A 05/21/09
Benzene	1	100	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U	0.85 I	0.65 I	0.65 I	0.84 I						
Toluene	1,000	10,000	ug/L	0.51 U	0.51 U [0.51 U]	0.51 U										
Ethylbenzene	700	7,000	ug/L	0.44 U	0.44 U [0.44 U]	0.44 U										
Xylenes (total)	10,000	100,000	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U										
1,1-Dichloroethane	70	700	ug/L	0.52 U	0.52 U [0.52 U]	0.52 U										
1,1-Dichloroethene	7	70	ug/L	0.45 U	0.45 U [0.45 U]	0.45 U										
1,2-Dichlorobenzene	600	6,000	ug/L	0.44 U	0.44 U [0.44 U]	0.44 U	4	2.9	3.4	3.7	3.3	4.2				
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U	0.64 U [0.64 U]	0.64 U										
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U	0.52 U [0.52 U]	0.52 U										
Chlorobenzene	100	1,000	ug/L	0.63 U	0.63 U [0.63 U]	0.63 U	6.1	4.6	6.2	5.6	5.4	7				
Chloroform	70	700	ug/L	0.90 U	0.90 U [0.90 U]	0.90 U										
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U	0.65 U [0.65 U]	0.65 U	7.9	7.3	6.5	6.8	5.4	5.2				
Tetrachloroethene	3	300	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U										
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U	0.44 U [0.44 U]	0.44 U	0.64 I	0.72 I	0.98 I	1	0.96 I	0.92 I				
Trichloroethene	3	300	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U										
Vinyl Chloride	1	100	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U	31	30	34	35	24	30				

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-20A 06/19/09	MW-20A 10/20/09	MW-20A 01/07/10	MW-20A 04/13/10	MW-20A 11/03/10	MW-20A 05/25/11	MW-20A 11/29/11	MW-20A 05/08/12	MW-20A 11/09/12	MW-20A 05/01/13	MW-20A 11/14/13	MW-20A 05/29/14	MW-20B 03/05/09	MW-20B 04/02/09
Benzene	1	100	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U	0.50 I	0.93 I	0.61 I	0.50 U	0.50 U	0.50 U	0.50 U	10 U	10 U
Toluene	1,000	10,000	ug/L	0.51 U	0.68 I [0.51 U]	0.51 U	10 U	10 U									
Ethylbenzene	700	7,000	ug/L	0.44 U	0.44 U [0.44 U]	0.44 U	8.8 U	8.8 U									
Xylenes (total)	10,000	100,000	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U	10 U	10 U									
1,1-Dichloroethane	70	700	ug/L	0.52 U	0.52 U [0.52 U]	0.52 U	10 U	10 U									
1,1-Dichloroethene	7	70	ug/L	0.45 U	0.45 U [0.45 U]	0.45 U	9.0 U	9.0 U									
1,2-Dichlorobenzene	600	6,000	ug/L	2.5	2.5 [0.44 U]	2.1	2.4	1.8	9.7	5.4	5.1	2.1	2.8	0.71 I	1.2	18 I	9.1 I
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U	0.64 U [0.64 U]	0.64 U	16 I	13 U									
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U	0.52 U [0.52 U]	0.52 U	0.52 U	0.52 U	0.73 I	0.52 U	0.58 I	0.52 U	0.52 U	0.52 U	0.52 U	10 U	10 U
Chlorobenzene	100	1,000	ug/L	3.6	3.9 [3.5]	3.7	3.1	3.4	8.8	14	9.5	5.1	6.2	1.8	3	13 U	13 U
Chloroform	70	700	ug/L	0.90 U	0.90 U [0.90 U]	0.90 U	18 U	18 U									
cis-1,2-Dichloroethene	70	700	ug/L	4.3	2.7 [2.4]	2.1	2	0.65 U	16	1.3	3.7	3.4	0.65 U	0.65 U	0.65 U	13 U	13 U
Tetrachloroethene	3	300	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U	10 U	10 U									
trans-1,2-Dichloroethene	100	1,000	ug/L	0.66 I	0.65 I [0.59 I]	0.47 I	0.62 I	0.44 U	1.5	0.75 I	1.1	0.44 U	0.44 U	0.44 U	0.44 U	8.8 U	8.8 U
Trichloroethene	3	300	ug/L	0.50 U	0.50 U [0.50 U]	0.50 U	10 U	10 U									
Vinyl Chloride	1	100	ug/L	17	20 [19]	12	11	3.4	220	10	25	8.5	2.6	1.1	1.2	1,200	1,500

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-20B 04/08/09	MW-20B 04/14/09	MW-20B 04/20/09	MW-20B 05/21/09	MW-20B 06/19/09	MW-20B 10/20/09	MW-20B 01/07/10	MW-20B 04/13/10	MW-20B 11/03/10	MW-20B 05/25/11	MW-20B 11/29/11	MW-20B 05/08/12	MW-20B 11/09/12
Benzene	1	100	ug/L	10 U	0.50 U	10 U	0.50 U	0.50 U	0.50 U	0.50 U	2.5 U	2.5 U	2.5 U [2.5 U]	0.50 U	0.50 U [0.50 U]	0.59 I [0.62 I]
Toluene	1,000	10,000	ug/L	10 U	0.51 U	10 U	0.51 U	0.51 U	0.51 U	0.51 U	2.6 U	2.6 U	2.6 U [2.6 U]	0.51 U	0.51 U [0.51 U]	0.54 I [0.56 I]
Ethylbenzene	700	7,000	ug/L	8.8 U	0.44 U	8.8 U	0.44 U	0.44 U	0.44 U	0.44 U	2.2 U	2.2 U	2.2 U [2.2 U]	0.44 U	0.44 U [0.44 U]	0.44 U [0.44 U]
Xylenes (total)	10,000	100,000	ug/L	10 U	0.64 I	10 U	0.62 I	0.50 U	0.50 U	0.50 U	2.5 U	2.5 U	2.5 U [2.5 U]	0.50 U	0.50 U [0.50 U]	0.50 U [0.50 U]
1,1-Dichloroethane	70	700	ug/L	10 U	0.52 U	10 U	0.52 U	0.52 U	0.52 U	0.52 U	2.6 U	2.6 U	2.6 U [2.6 U]	0.52 U	0.52 U [0.52 U]	0.52 U [0.52 U]
1,1-Dichloroethene	7	70	ug/L	9.0 U	0.52 I	9.0 U	0.45 U	0.45 U	0.45 U	0.45 U	2.2 U	2.2 U	2.2 U [2.2 U]	0.45 U	0.45 U [0.45 U]	0.45 U [0.45 U]
1,2-Dichlorobenzene	600	6,000	ug/L	13 I	15	8.8 U	17	15	17	19	17	17	30 [30]	31	36 [42]	34 [34]
1,3-Dichlorobenzene	210	2,100	ug/L	13 U	0.64 U	13 U	0.64 U	0.64 U	0.64 U	0.64 U	3.2 U	3.2 U	3.2 U [3.2 U]	0.64 U	0.64 U [0.64 U]	0.64 U [0.64 U]
1,4-Dichlorobenzene	75	7,500	ug/L	10 U	0.52 U	10 U	0.52 U	0.52 U	0.52 U	0.52 U	2.6 U	2.6 U	2.6 U [2.6 U]	1.4	2.7 [3.0]	3.2 [3.6]
Chlorobenzene	100	1,000	ug/L	13 U	1.1	13 U	0.96 I	0.98 I	1.8	2.3	3.2 U	4.2 I	9.2 [8.5]	27	58 [68]	98 [100]
Chloroform	70	700	ug/L	18 U	0.90 U	18 U	0.90 U	0.90 U	0.90 U	0.90 U	4.5 U	4.5 U	4.5 U [4.56 U]	0.90 U	0.90 U [0.90 U]	0.90 U [0.90 U]
cis-1,2-Dichloroethene	70	700	ug/L	23	25	22	19	14	2	1.2	3.2 U	3.2 U	3.2 U [3.2 U]	0.65 U	0.65 U [0.65 U]	0.91 I [2.2]
Tetrachloroethene	3	300	ug/L	10 U	0.50 U	10 U	0.50 U	0.50 U	0.50 U	0.50 U	2.5 U	2.5 U	2.5 U [2.5 U]	0.50 U	0.50 U [0.50 U]	0.50 U [0.50 U]
trans-1,2-Dichloroethene	100	1,000	ug/L	8.8 U	5.2	8.8 U	5	5.1	3.7	4	3.6 I	2.2 U	2.2 U [2.2 U]	0.44 U	0.44 U [0.44 U]	0.46 I [0.44 U]
Trichloroethene	3	300	ug/L	10 U	0.57 I	10 U	0.50 U	0.50 U	0.50 U	0.50 U	2.5 U	2.5 U	2.5 U [2.5 U]	0.50 U	0.50 U [0.50 U]	0.50 U [0.50 U]
Vinyl Chloride	1	100	ug/L	2,000	1,500	2,100	1,400	1,200	2,000	1,300	2,000	910	1400 [1400]	630	460 [330]	310 [270]

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-20B 05/30/13	MW-20B 11/14/13	MW-20B 05/29/14	MW-20C 03/05/09	MW-20C 04/02/09	MW-20C 04/08/09	MW-20C 04/14/09	MW-20C 04/20/09	MW-20C 05/21/09	MW-20C 06/19/09	MW-20C 10/20/09	MW-20C 01/06/10	MW-20C 04/13/10
Benzene	1	100	ug/L	0.50 U	0.50 U	0.59 I [0.50 U]	0.50 U	0.50 U [0.50 U]	0.50 U							
Toluene	1,000	10,000	ug/L	0.51 I	0.51 U	0.55 I [0.51 U]	0.51 U	0.51 U [0.51 U]	0.51 U							
Ethylbenzene	700	7,000	ug/L	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U	0.44 U [0.44 U]	0.44 U							
Xylenes (total)	10,000	100,000	ug/L	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U [0.50 U]	0.50 U							
1,1-Dichloroethane	70	700	ug/L	0.52 U	0.52 U	0.52 U [0.52 U]	0.52 U	0.52 U [0.52 U]	0.52 U							
1,1-Dichloroethene	7	70	ug/L	0.45 U	0.45 U	0.45 U [0.45 U]	0.45 U	0.45 U [0.45 U]	0.45 U							
1,2-Dichlorobenzene	600	6,000	ug/L	31	24	22 [22]	2.1	0.75 I	0.52 I	0.66 I	0.44 U	1	0.92 I	0.91 I	1.2 [1.1]	1.2
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U	0.64 U	0.64 U [0.75 I]	0.64 U	0.64 U [0.64 U]	0.64 U							
1,4-Dichlorobenzene	75	7,500	ug/L	6.0	7.0	7.7 [7.4]	0.52 U	0.52 U [0.52 U]	0.52 U							
Chlorobenzene	100	1,000	ug/L	130	110	110 [100]	2.1	0.63 U	0.63 U	0.63 U	0.63 U	1.2	1.1	0.63 U	0.80 I [2.3]	0.63 U
Chloroform	70	700	ug/L	0.90 U	0.90 U	0.9 U [0.9 U]	0.90 U	0.90 U [0.90 U]	0.90 U							
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U	0.65 U	0.65 U [0.65 U]	2.1	0.65 U	0.65 U [0.65 U]	0.65 U						
Tetrachloroethene	3	300	ug/L	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U [0.50 U]	0.50 U							
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U	0.44 U	0.62 I [0.44 U]	0.44 U	0.44 U [0.44 U]	0.44 U							
Trichloroethene	3	300	ug/L	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U [0.50 U]	0.50 U							
Vinyl Chloride	1	100	ug/L	300	130	150 [91]	29	10	4.4	5.7	3.8	8.1	6.9	9.8	5.7 [5.5]	3.3

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-20C 11/03/10	MW-20C 05/25/11	MW-20C 11/29/11	MW-20C 05/08/12	MW-20C 11/09/12	MW-20C 05/30/13	MW-20C 11/14/13	MW-20C 05/29/14	MW-21B 03/06/09	MW-21B 04/02/09	MW-21B 04/08/09	MW-21B 04/14/09	MW-21B 04/20/09	MW-21B 05/22/09
Benzene	1	100	ug/L	0.50 U													
Toluene	1,000	10,000	ug/L	0.51 U													
Ethylbenzene	700	7,000	ug/L	0.44 U													
Xylenes (total)	10,000	100,000	ug/L	0.50 U													
1,1-Dichloroethane	70	700	ug/L	0.52 U													
1,1-Dichloroethene	7	70	ug/L	0.45 U													
1,2-Dichlorobenzene	600	6,000	ug/L	1.2	1.5	1.6	2.4	1.8	1.9	2	1.3	0.44 U					
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U													
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U													
Chlorobenzene	100	1,000	ug/L	0.63 U	0.78 I	0.63 U	1.1	0.87 I	1.2	0.63 U	0.73 I	0.63 U					
Chloroform	70	700	ug/L	0.90 U	0.9 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U							
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U													
Tetrachloroethene	3	300	ug/L	0.50 U													
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U													
Trichloroethene	3	300	ug/L	0.50 U													
Vinyl Chloride	1	100	ug/L	1.9	3.1	1.5	3.3	1	0.95 I	1.2	1.5	0.50 U	0.50 U	0.50 U	0.50 U	0.56 I	

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-21B 06/19/09	MW-21C 03/06/09	MW-21C 04/02/09	MW-21C 04/08/09	MW-21C 04/14/09	MW-21C 04/20/09	MW-21C 05/22/09	MW-21C 06/19/09	MW-22A 03/06/09	MW-22A 04/02/09	MW-22A 04/08/09	MW-22A 04/14/09	MW-22A 04/20/09	MW-22A 05/21/09
Benzene	1	100	ug/L	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U										
Toluene	1,000	10,000	ug/L	0.51 U	0.51 U	0.51 U [0.51 U]	0.51 U										
Ethylbenzene	700	7,000	ug/L	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U										
Xylenes (total)	10,000	100,000	ug/L	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U										
1,1-Dichloroethane	70	700	ug/L	0.52 U	0.52 U	0.52 U [0.52 U]	0.52 U										
1,1-Dichloroethene	7	70	ug/L	0.45 U	0.45 U	0.45 U [0.45 U]	0.45 U										
1,2-Dichlorobenzene	600	6,000	ug/L	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U										
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U	0.64 U	0.64 U [0.64 U]	0.64 U										
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U	0.52 U	0.52 U [0.52 U]	0.52 U										
Chlorobenzene	100	1,000	ug/L	0.63 U	0.63 U	0.63 U [0.63 U]	0.63 U										
Chloroform	70	700	ug/L	0.90 U	0.90 U	0.90 U [0.90 U]	0.90 U										
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U	0.65 U	0.65 U [0.65 U]	0.65 U										
Tetrachloroethene	3	300	ug/L	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U										
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U										
Trichloroethene	3	300	ug/L	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U										
Vinyl Chloride	1	100	ug/L	0.56 I	0.50 U	0.50 U [0.50 U]	0.50 U										

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-22A	MW-22B	MW-22B	MW-22B	MW-22B	MW-22B								
				06/19/09	10/20/09	01/06/10	04/13/10	11/03/10	05/25/11	11/29/11	05/08/12	11/08/12	11/14/13	03/06/09	04/02/09	04/08/09	04/14/09
Benzene	1	100	ug/L	0.50 U	0.50 U [0.50 U]												
Toluene	1,000	10,000	ug/L	0.51 U	0.51 U [0.51 U]												
Ethylbenzene	700	7,000	ug/L	0.44 U	0.44 U [0.44 U]												
Xylenes (total)	10,000	100,000	ug/L	0.50 U	0.50 U [0.50 U]												
1,1-Dichloroethane	70	700	ug/L	0.52 U	0.52 U [0.52 U]												
1,1-Dichloroethene	7	70	ug/L	0.45 U	0.45 U [0.45 U]												
1,2-Dichlorobenzene	600	6,000	ug/L	0.44 U	0.44 U [0.44 U]												
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U	0.64 U [0.64 U]												
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U	0.52 U [0.52 U]												
Chlorobenzene	100	1,000	ug/L	0.63 U	0.63 U [0.63 U]												
Chloroform	70	700	ug/L	0.90 U	0.90 U [0.90 U]												
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U	0.65 U [0.65 U]												
Tetrachloroethene	3	300	ug/L	0.50 U	0.50 U [0.50 U]												
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U	0.44 U [0.44 U]												
Trichloroethene	3	300	ug/L	0.50 U	0.50 U [0.50 U]												
Vinyl Chloride	1	100	ug/L	0.50 U	0.50 U [0.50 U]												

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**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-22B 05/21/09	MW-22B 06/19/09	MW-22B 10/20/09	MW-22B 01/06/10	MW-22B 04/13/10	MW-22B 11/03/10	MW-22B 05/25/11	MW-22B 11/29/11	MW-22B 05/08/12	MW-22B 11/08/12	MW-22B 11/14/13	MW-22C 03/06/09	MW-22C 04/02/09	MW-22C 04/08/09	MW-22C 04/14/09
Benzene	1	100	ug/L	0.50 U														
Toluene	1,000	10,000	ug/L	0.51 U														
Ethylbenzene	700	7,000	ug/L	0.44 U														
Xylenes (total)	10,000	100,000	ug/L	0.50 U														
1,1-Dichloroethane	70	700	ug/L	0.52 U														
1,1-Dichloroethene	7	70	ug/L	0.45 U														
1,2-Dichlorobenzene	600	6,000	ug/L	0.44 U														
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U														
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U														
Chlorobenzene	100	1,000	ug/L	0.63 U														
Chloroform	70	700	ug/L	0.90 U														
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U														
Tetrachloroethylene	3	300	ug/L	0.50 U														
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U														
Trichloroethylene	3	300	ug/L	0.50 U														
Vinyl Chloride	1	100	ug/L	0.50 U														

Footnotes on Page 32.

**TABLE 3**  
**GROUNDWATER BASELINE AND POST-SYSTEM STARTUP ANALYTICAL RESULTS**

**Semi-Annual Monitoring Report**  
Honeywell International Inc.  
Solitron Devices Site  
Riviera Beach, Florida

Location ID: Date Collected:	GCTL/ MCL	NADC	Units	MW-22C	MW-22C	MW-22C	MW-22C	MW-22C	MW-22C	MW-22C	MW-22C	MW-22C	MW-22C	MW-22C	MW-22C
				04/20/09	05/21/09	06/19/09	10/20/09	01/06/10	04/13/10	11/03/10	05/25/11	11/29/11	05/08/12	11/08/12	11/15/13
Benzene	1	100	ug/L	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U								
Toluene	1,000	10,000	ug/L	0.51 U	0.51 U	0.51 U [0.51 U]	0.51 U								
Ethylbenzene	700	7,000	ug/L	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U								
Xylenes (total)	10,000	100,000	ug/L	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U								
1,1-Dichloroethane	70	700	ug/L	0.52 U	0.52 U	0.52 U [0.52 U]	0.52 U								
1,1-Dichloroethene	7	70	ug/L	0.45 U	0.45 U	0.45 U [0.45 U]	0.45 U								
1,2-Dichlorobenzene	600	6,000	ug/L	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U								
1,3-Dichlorobenzene	210	2,100	ug/L	0.64 U	0.64 U	0.64 U [0.64 U]	0.64 U								
1,4-Dichlorobenzene	75	7,500	ug/L	0.52 U	0.52 U	0.52 U [0.52 U]	0.52 U								
Chlorobenzene	100	1,000	ug/L	0.63 U	0.63 U	0.63 U [0.63 U]	0.63 U								
Chloroform	70	700	ug/L	0.90 U	0.90 U	0.90 U [0.90 U]	0.90 U								
cis-1,2-Dichloroethene	70	700	ug/L	0.65 U	0.65 U	0.65 U [0.65 U]	0.65 U								
Tetrachloroethene	3	300	ug/L	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U								
trans-1,2-Dichloroethene	100	1,000	ug/L	0.44 U	0.44 U	0.44 U [0.44 U]	0.44 U								
Trichloroethene	3	300	ug/L	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U								
Vinyl Chloride	1	100	ug/L	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U								

**Footnotes:**

**Bold** - Detected above GCTL

**Shaded** - Detected above NADC

J - Indicates an estimated value.

I - Estimated result < PQL and > MDL.

MDL - Method Detection Limit

GCTL/MCL - Groundwater Cleanup Target Levels/Maximum Contaminant Level

NADC - Natural Attenuation Default Concentrations

U - The compound was analyzed for but not detected.

D - Compound quantitated using a secondary dilution.

PQL - Practical Quantitation Limits

- Samples collected from MW-18A and MW-18B were erroneously labeled in the field during the November 2011 and May 2012 sampling events.

**TABLE 4**  
**WATER LEVEL ELEVATION MEASURMENTS**

**Semi-Annual Monitoring Report**

Honeywell International Inc.

Solitron Devices Site

Riviera Beach, Florida

2008 Survey		Screen Interval		3/5/09		3/30/09		3/31/09		4/1/09		4/2/09	
Well ID	TOC Elev.	Top	Bottom	DTW	Calc. Elev.	DTW	Calc. Elev.	DTW	Calc. Elev.	DTW	Calc. Elev.	DTW	Calc. Elev.
MW-1B	29.70	115	125	24.63	5.07	24.62	5.08	24.59	5.11	24.24	5.46	24.13	5.57
MW-1C	29.88	142	152	25.03	4.85	24.96	4.92	24.87	5.01	24.50	5.38	24.50	5.38
MW-1D	28.54	200	210	26.19	2.35	24.86	3.68	24.13	4.41	23.97	4.57	25.40	3.14
MW-1E	28.57	220	230	26.16	2.41	24.85	3.72	24.11	4.46	23.95	4.62	25.37	3.20
MW-1F	28.52	280	290	25.98	2.54	24.84	3.68	24.05	4.47	23.84	4.68	25.27	3.25
MW-3 B	20.92	115	125	16.17	4.75	15.79	5.13	15.67	5.25	15.20	5.72	15.22	5.70
MW-3 C	21.57	179	209	18.93	2.64	17.27	4.30	15.36	6.21	15.30	6.27	16.12	5.45
MW-4 B	17.35	117	127	12.40	4.95	12.10	5.25	12.04	5.31	7.60	9.75	10.53	6.82
MW-4 C	17.39	142	152	13.21	4.18	12.56	4.83	12.25	5.14	12.12	5.27	12.56	4.83
MW-12 A	16.10	25	50	11.82	5.46	11.44	5.84	11.97	5.31	10.22	7.06	10.74	6.54
MW-12 B	15.94	75	100	11.76	5.44	11.40	5.80	11.97	5.23	10.29	6.91	10.78	6.42
MW-13 A	16.69	19	29	11.28	5.41	10.90	5.79	11.15	5.54	9.92	6.77	10.15	6.54
MW-13 B	16.53	92	112	11.22	5.31	10.83	5.70	11.14	5.39	10.26	6.27	10.38	6.15
MW-13 C	16.51	167	197	11.50	5.01	NM	--	NM	--	NM	--	10.53	5.98
MW-14 A	17.66	19	29	13.70	5.39	13.29	5.80	13.46	5.63	12.64	6.45	12.62	6.47
MW-14 B	17.57	89	109	13.52	5.35	13.09	5.78	13.42	5.45	12.62	6.25	12.63	6.24
MW-14 C	17.63	167	197	13.90	5.23	13.47	5.66	13.53	5.60	12.83	6.30	12.96	6.17
MW-18 A	17.06	70	80	11.98	5.08	11.42	5.64	11.72	5.34	10.65	6.41	10.66	6.40
MW-18 B	17.09	150	160	12.23	4.86	11.57	5.52	11.62	5.47	10.31	6.78	10.80	6.29
MW-18 C	17.01	245	255	12.05	4.96	11.52	5.49	11.55	5.46	10.86	6.15	10.95	6.06
MW-19 A	15.34	60	70	10.11	5.23	9.70	5.64	9.91	5.43	9.10	6.24	9.12	6.22
MW-19 B	15.49	135	145	10.30	5.19	9.96	5.53	10.10	5.39	9.31	6.18	9.34	6.15
MW-19 C	15.45	170	180	10.37	5.08	9.96	5.49	10.03	5.42	9.37	6.08	9.47	5.98
MW-19 D	15.41	225	265	10.39	5.02	9.95	5.46	10.00	5.41	9.47	5.94	9.49	5.92
MW-20 A	16.31	70	80	11.11	5.20	10.73	5.58	10.82	5.49	10.20	6.11	10.21	6.10
MW-20 B	16.37	125	135	11.17	5.20	10.80	5.57	10.89	5.48	10.29	6.08	10.30	6.07
MW-20 C	16.36	225	235	11.60	4.76	11.12	5.24	10.96	5.40	10.46	5.90	10.74	5.62
MW-21 B	16.82	130	140	10.82	6.00	11.27	5.55	11.38	5.44	10.72	6.10	10.97	5.85
MW-21 C	16.71	235	245	11.59	5.12	11.32	5.39	11.56	5.15	11.07	5.64	10.61	6.10
MW-22 A	16.73	60	70	11.41	5.32	11.25	5.48	11.27	5.46	10.90	5.83	10.84	5.89
MW-22 B	16.68	135	145	11.43	5.25	11.23	5.45	11.24	5.44	10.85	5.83	10.83	5.85
MW-22 C	16.72	230	240	11.96	4.76	11.59	5.13	11.52	5.20	11.01	5.71	11.25	5.47
EW-1	15.23	60	90	NI	--	9.62	5.61	15.15	0.08	11.60	3.63	11.50	3.73
EW-2	14.47	60	90	NI	--	8.77	5.70	13.71	0.76	11.60	2.87	12.60	1.87
IW-1	13.64	200	275	NI	--	11.40	2.24	2.82	10.82	2.00	11.64	4.00	9.64
PZ	16.46	3	13	NI	--	NM	--	NM	--	NM	--	NM	--

Footnotes on Page 6.

**TABLE 4**  
**WATER LEVEL ELEVATION MEASURMENTS**

**Semi-Annual Monitoring Report**

Honeywell International Inc.

Solitron Devices Site

Riviera Beach, Florida

2008 Survey		Screen Interval		4/8/09		4/17/09		4/20/09		4/28/09		5/4/09	
Well ID	TOC Elev.	Top	Bottom	DTW	Calc. Elev.	DTW	Calc. Elev.	DTW	Calc. Elev.	DTW	Calc. Elev.	DTW	Calc. Elev.
MW-1B	29.70	115	125	24.01	5.69	24.17	5.53	24.29	5.41	23.30	6.40	23.75	5.95
MW-1C	29.88	142	152	24.33	5.55	24.55	5.33	24.58	5.30	23.60	6.28	23.47	6.41
MW-1D	28.54	200	210	24.10	4.44	25.03	3.51	23.93	4.61	23.05	5.49	22.99	5.55
MW-1E	28.57	220	230	24.09	4.48	25.02	3.55	23.91	4.66	23.07	5.50	23.00	5.57
MW-1F	28.52	280	290	24.02	4.50	24.60	3.92	24.20	4.32	22.98	5.54	23.27	5.25
MW-3 B	20.92	115	125	15.32	5.60	15.61	5.31	11.81	9.11	14.22	6.70	14.49	6.43
MW-3 C	21.57	179	209	15.16	6.41	16.03	5.54	12.06	9.51	14.40	7.17	14.60	6.97
MW-4 B	17.35	117	127	11.92	5.43	11.79	5.56	15.25	2.10	10.78	6.57	10.98	6.37
MW-4 C	17.39	142	152	11.51	5.88	12.70	4.69	15.56	1.83	11.10	6.29	11.23	6.16
MW-12 A	16.10	25	50	11.44	5.84	11.64	5.64	11.79	5.49	10.72	6.56	10.97	6.31
MW-12 B	15.94	75	100	11.45	5.75	11.63	5.57	11.78	5.42	10.72	6.48	10.96	6.24
MW-13 A	16.69	19	29	10.63	6.06	10.76	5.93	10.94	5.75	9.92	6.77	10.15	6.54
MW-13 B	16.53	92	112	10.43	6.10	10.61	5.92	10.72	5.81	9.80	6.73	9.92	6.61
MW-13 C	16.51	167	197	10.34	6.17	10.59	5.92	10.53	5.98	9.65	6.86	9.83	6.68
MW-14 A	17.66	19	29	12.76	6.33	12.91	6.18	13.08	6.01	12.12	6.97	12.32	6.77
MW-14 B	17.57	89	109	12.67	6.20	12.83	6.04	12.96	5.91	12.05	6.82	12.20	6.67
MW-14 C	17.63	167	197	12.78	6.35	13.12	6.01	13.15	5.98	12.25	6.88	12.29	6.84
MW-18 A	17.06	70	80	10.49	6.57	10.68	6.38	10.77	6.29	9.96	7.10	10.07	6.99
MW-18 B	17.09	150	160	10.60	6.49	10.90	6.19	10.88	6.21	10.02	7.07	10.18	6.91
MW-18 C	17.01	245	255	10.65	6.36	10.76	6.25	10.89	6.12	9.99	7.02	10.17	6.84
MW-19 A	15.34	60	70	9.15	6.19	9.32	6.02	9.41	5.93	8.55	6.79	8.70	6.64
MW-19 B	15.49	135	145	9.28	6.21	9.44	6.05	9.55	5.94	8.70	6.79	8.81	6.68
MW-19 C	15.45	170	180	9.18	6.27	9.35	6.10	9.48	5.97	8.65	6.80	8.75	6.70
MW-19 D	15.41	225	265	9.23	6.18	9.38	6.03	9.44	5.97	8.66	6.75	8.70	6.71
MW-20 A	16.31	70	80	10.08	6.23	10.27	6.04	10.30	6.01	9.42	6.89	9.60	6.71
MW-20 B	16.37	125	135	10.15	6.22	10.31	6.06	10.37	6.00	9.50	6.87	9.63	6.74
MW-20 C	16.36	225	235	10.38	5.98	10.69	5.67	10.52	5.84	9.66	6.70	9.75	6.61
MW-21 B	16.82	130	140	10.30	6.52	10.45	6.37	10.61	6.21	10.11	6.71	9.85	6.97
MW-21 C	16.71	235	245	10.51	6.20	10.64	6.07	10.74	5.97	9.92	6.79	10.00	6.71
MW-22 A	16.73	60	70	10.63	6.10	10.72	6.01	10.79	5.94	9.90	6.83	10.02	6.71
MW-22 B	16.68	135	145	10.57	6.11	10.63	6.05	10.72	5.96	9.85	6.83	9.97	6.71
MW-22 C	16.72	230	240	10.87	5.85	11.10	5.62	10.98	5.74	10.13	6.59	10.21	6.51
EW-1	15.23	60	90	NM	--	NM	--	NM	--	11.90	3.33	11.80	3.43
EW-2	14.47	60	90	NM	--	NM	--	NM	--	11.60	2.87	11.70	2.77
IW-1	13.64	200	275	NM	--	NM	--	NM	--	NM	--	NM	--
PZ	16.46	3	13	NM	--	dry	--	dry	--	11.87	4.59	12.05	4.41

Footnotes on Page 6.

**TABLE 4**  
**WATER LEVEL ELEVATION MEASURMENTS**

**Semi-Annual Monitoring Report**

Honeywell International Inc.

Solitron Devices Site

Riviera Beach, Florida

2008 Survey		Screen Interval		6/18/09		10/19/09		11/24/09		12/30/09		1/6/10	
Well ID	TOC Elev.	Top	Bottom	DTW	Calc. Elev.	DTW	Calc. Elev.	DTW	Calc. Elev.	DTW	Calc. Elev.	DTW	Calc. Elev.
MW-1B	29.70	115	125	21.70	8.00	23.15	6.55	23.89	5.81	21.94	7.76	22.59	7.11
MW-1C	29.88	142	152	22.24	7.64	23.15	6.73	23.80	6.08	22.40	7.48	22.27	7.61
MW-1D	28.54	200	210	22.68	5.86	24.02	4.52	23.60	4.94	22.46	6.08	22.27	6.27
MW-1E	28.57	220	230	22.68	5.89	24.03	4.54	23.61	4.96	22.48	6.09	22.25	6.32
MW-1F	28.52	280	290	22.20	6.32	23.95	4.57	22.97	5.55	22.41	6.11	22.23	6.29
MW-3 B	20.92	115	125	12.93	7.99	14.35	6.57	14.92	6.00	13.23	7.69	13.53	7.39
MW-3 C	21.57	179	209	14.30	7.27	16.45	5.12	15.02	6.55	13.87	7.70	14.05	7.52
MW-4 B	17.35	117	127	9.35	8.00	10.70	6.65	11.44	5.91	9.65	7.70	9.94	7.41
MW-4 C	17.39	142	152	10.41	6.98	11.74	5.65	12.01	5.38	10.47	6.92	10.58	6.81
MW-12 A	16.10	25	50	9.02	8.26	10.02	7.26	11.27	6.01	9.58	7.70	9.89	7.39
MW-12 B	15.94	75	100	9.02	8.18	10.08	7.12	11.28	5.92	9.59	7.61	9.90	7.30
MW-13 A	16.69	19	29	8.38	8.31	9.40	7.29	10.44	6.25	8.93	7.76	9.21	7.48
MW-13 B	16.53	92	112	8.41	8.12	9.24	7.29	10.20	6.33	8.90	7.63	9.13	7.40
MW-13 C	16.51	167	197	8.66	7.85	9.58	6.93	10.11	6.40	8.88	7.63	9.12	7.39
MW-14 A	17.66	19	29	10.79	8.30	11.69	7.40	12.53	6.56	11.31	7.78	11.56	7.53
MW-14 B	17.57	89	109	10.75	8.12	11.48	7.39	12.44	6.43	11.25	7.62	11.48	7.39
MW-14 C	17.63	167	197	11.01	8.12	11.89	7.24	12.54	6.59	11.38	7.75	11.63	7.50
MW-18 A	17.06	70	80	9.03	8.03	9.70	7.36	10.12	6.94	9.36	7.70	9.63	7.43
MW-18 B	17.09	150	160	9.00	8.09	9.76	7.33	10.20	6.89	9.42	7.67	9.71	7.38
MW-18 C	17.01	245	255	9.14	7.87	9.77	7.24	10.26	6.75	9.53	7.48	9.67	7.34
MW-19 A	15.34	60	70	7.26	8.08	8.07	7.27	8.92	6.42	7.72	7.62	7.95	7.39
MW-19 B	15.49	135	145	7.45	8.04	8.23	7.26	9.03	6.46	7.94	7.55	8.11	7.38
MW-19 C	15.45	170	180	7.48	7.97	8.39	7.06	8.92	6.53	7.93	7.52	8.05	7.40
MW-19 D	15.41	225	265	7.62	7.79	8.41	7.00	8.94	6.47	7.89	7.52	8.02	7.39
MW-20 A	16.31	70	80	8.16	8.15	9.10	7.21	9.79	6.52	8.50	7.81	8.74	7.57
MW-20 B	16.37	125	135	8.26	8.11	9.18	7.19	9.84	6.53	8.59	7.78	8.82	7.55
MW-20 C	16.36	225	235	8.61	7.75	9.70	6.66	10.05	6.31	8.81	7.55	9.00	7.36
MW-21 B	16.82	130	140	9.40	7.42	destroyed	--	destroyed	--	destroyed	--	destroyed	--
MW-21 C	16.71	235	245	9.00	7.71	destroyed	--	destroyed	--	destroyed	--	destroyed	--
MW-22 A	16.73	60	70	8.40	8.33	9.58	7.15	10.30	6.43	9.26	7.47	8.98	7.75
MW-22 B	16.68	135	145	8.53	8.15	9.56	7.12	10.18	6.50	8.78	7.90	9.03	7.65
MW-22 C	16.72	230	240	9.01	7.71	10.08	6.64	10.47	6.25	8.70	8.02	9.34	7.38
EW-1	15.23	60	90	9.55	5.68	8.00	7.23	12.30	2.93	10.72	4.51	NM	--
EW-2	14.47	60	90	8.95	5.52	7.34	7.13	12.25	2.22	10.05	4.42	NM	--
IW-1	13.64	200	275	NM	--	10.39	3.25	NM	--	NM	--	NM	--
PZ	16.46	3	13	10.03	6.43	NM	--	dry	--	10.51	5.95	NM	--

Footnotes on Page 6.

**TABLE 4**  
**WATER LEVEL ELEVATION MEASURMENTS**

**Semi-Annual Monitoring Report**

Honeywell International Inc.

Solitron Devices Site

Riviera Beach, Florida

2008 Survey		Screen Interval		4/12/10		11/1/10		5/23/11		5/27/11		11/28/11	
Well ID	TOC Elev.	Top	Bottom	DTW	Calc. Elev.								
MW-1B	29.70	115	125	22.10	7.60	23.48	6.22	25.89	3.81	25.93	3.77	22.48	7.22
MW-1C	29.88	142	152	22.48	7.40	23.93	5.95	26.33	3.55	26.32	3.56	22.95	6.93
MW-1D	28.54	200	210	21.89	6.65	24.96	3.58	26.98	1.56	26.92	1.62	23.55	4.99
MW-1E	28.57	220	230	21.90	6.67	24.94	3.63	26.96	1.61	26.91	1.66	23.55	5.02
MW-1F	28.52	280	290	22.55	5.97	24.85	3.67	25.76	2.76	26.34	2.18	23.45	5.07
MW-3 B	20.92	115	125	13.30	7.62	14.75	6.17	17.01	3.91	16.98	3.94	13.84	7.08
MW-3 C	21.57	179	209	14.55	7.02	16.06	5.51	18.93	2.64	18.24	3.33	16.48	5.09
MW-4 B	17.35	117	127	9.68	7.67	11.12	6.23	13.30	4.05	NM	--	10.10	7.25
MW-4 C	17.39	142	152	10.05	7.34	12.21	5.18	13.98	3.41	NM	--	11.08	6.31
MW-12 A	16.10	25	50	8.45	8.83	9.49	6.61	11.26	4.84	11.49	4.61	8.23	7.87
MW-12 B	15.94	75	100	8.42	8.78	9.41	6.53	11.11	4.83	11.38	4.56	8.12	7.82
MW-13 A	16.69	19	29	8.21	8.48	9.92	6.77	11.57	5.12	11.73	4.96	8.79	7.90
MW-13 B	16.53	92	112	8.33	8.20	9.70	6.83	11.09	5.44	11.42	5.11	8.82	7.71
MW-13 C	16.51	167	197	8.55	7.96	9.84	6.67	11.47	5.04	11.63	4.88	9.15	7.36
MW-14 A	17.66	19	29	10.92	8.17	10.63	7.03	12.11	5.55	12.31	5.35	9.90	7.76
MW-14 B	17.57	89	109	10.74	8.13	10.65	6.92	11.96	5.61	12.34	5.23	9.84	7.73
MW-14 C	17.63	167	197	11.05	8.08	10.70	6.93	12.20	5.43	12.41	5.22	10.08	7.55
MW-18 A	17.06	70	80	9.10	7.96	9.73	7.33	11.29	5.77	11.35	5.71	10.05	7.01
MW-18 B	17.09	150	160	9.36	7.73	9.94	7.15	11.15	5.94	11.25	5.84	9.68	7.41
MW-18 C	17.01	245	255	9.11	7.90	9.68	7.33	11.24	5.77	11.44	5.57	9.88	7.13
MW-19 A	15.34	60	70	7.35	7.99	8.47	6.87	9.91	5.43	10.19	5.15	7.83	7.51
MW-19 B	15.49	135	145	7.45	8.04	8.61	6.88	9.99	5.50	10.30	5.19	8.04	7.45
MW-19 C	15.45	170	180	7.49	7.96	8.60	6.85	10.14	5.31	10.32	5.13	8.05	7.40
MW-19 D	15.41	225	265	7.48	7.93	8.64	6.77	10.22	5.19	10.38	5.03	8.27	7.14
MW-20 A	16.31	70	80	8.26	8.05	9.36	6.95	11.04	5.27	11.18	5.13	8.74	7.57
MW-20 B	16.37	125	135	8.35	8.02	9.43	6.94	11.03	5.34	11.23	5.14	8.83	7.54
MW-20 C	16.36	225	235	8.52	7.84	9.90	6.46	11.67	4.69	11.77	4.59	9.26	7.10
MW-21 B	16.82	130	140	destroyed	--								
MW-21 C	16.71	235	245	destroyed	--								
MW-22 A	16.73	60	70	8.67	8.06	9.74	6.99	11.82	4.91	11.93	4.80	9.09	7.64
MW-22 B	16.68	135	145	9.66	7.02	9.70	6.98	11.52	5.16	11.65	5.03	9.17	7.51
MW-22 C	16.72	230	240	8.91	7.81	10.20	6.52	12.16	4.56	12.22	4.50	9.60	7.12
EW-1	15.23	60	90	NM	--								
EW-2	14.47	60	90	NM	--								
IW-1	13.64	200	275	NM	--								
PZ	16.46	3	13	NM	--								

Footnotes on Page 6.

**TABLE 4**  
**WATER LEVEL ELEVATION MEASURMENTS**

**Semi-Annual Monitoring Report**

Honeywell International Inc.

Solitron Devices Site

Riviera Beach, Florida

2008 Survey		Screen Interval		5/7/12		11/8/12		1/16/13		6/3/13		11/15/13		5/27/14	
Well ID	TOC Elev.	Top	Bottom	DTW	Calc. Elev.										
MW-1B	29.70	115	125	24.53	5.17	20.35	9.35	22.96	6.74	20.31	9.39	24.05	5.65	25.36	4.34
MW-1C	29.88	142	152	25.04	4.84	20.84	9.04	23.40	6.48	20.76	9.12	23.53	6.35	25.74	4.14
MW-1D	28.54	200	210	25.78	2.76	22.29	6.25	24.76	3.78	21.44	7.10	26.22	2.32	27.40	1.14
MW-1E	28.57	220	230	25.74	2.83	22.26	6.31	24.76	3.81	21.44	7.13	25.88	2.69	27.38	1.19
MW-1F	28.52	280	290	25.66	2.86	22.18	6.34	24.56	3.96	21.38	7.14	25.77	2.75	27.20	1.32
MW-3 B	20.92	115	125	15.88	5.04	11.85	9.07	14.21	6.71	11.74	9.18	14.94	5.98	16.62	4.30
MW-3 C	21.57	179	209	18.89	2.68	14.23	7.34	16.13	5.44	13.83	7.74	17.14	4.43	18.26	3.31
MW-4 B	17.35	117	127	12.21	5.14	8.25	9.10	10.67	6.68	8.13	9.22	11.40	5.95	13.03	4.32
MW-4 C	17.39	142	152	13.52	3.87	9.65	7.74	11.73	5.66	9.14	8.25	13.12	4.27	14.40	2.99
MW-12 A	16.10	25	50	10.17	5.93	6.85	9.25	9.12	6.98	6.35	9.75	9.01	7.09	11.28	4.82
MW-12 B	15.94	75	100	10.02	5.92	6.75	9.19	9.01	6.93	6.19	9.75	8.90	7.04	11.17	4.77
MW-13 A	16.69	19	29	10.54	6.15	7.43	9.26	9.62	7.07	6.92	9.77	10.00	6.69	11.49	5.20
MW-13 B	16.53	92	112	10.23	6.30	7.52	9.01	9.56	6.97	7.02	9.51	9.92	6.61	11.24	5.29
MW-13 C	16.51	167	197	10.63	5.88	7.56	8.95	9.87	6.64	7.40	9.11	10.24	6.27	11.52	4.99
MW-14 A	17.66	19	29	11.15	6.51	8.60	9.06	10.59	7.07	8.02	9.64	11.06	6.60	12.09	5.57
MW-14 B	17.57	89	109	11.23	6.34	8.52	9.05	10.57	7.00	8.12	9.45	11.05	6.52	12.13	5.44
MW-14 C	17.63	167	197	11.41	6.22	8.75	8.88	10.94	6.69	8.54	9.09	11.47	6.16	12.33	5.30
MW-18 A	17.06	70	80	10.28	6.78	8.43	8.63	10.80	6.26	8.67	8.39	11.44	5.62	11.33	5.73
MW-18 B	17.09	150	160	10.31	6.78	8.70	8.39	11.74	5.35	9.51	7.58	12.45	4.64	11.78	5.31
MW-18 C	17.01	245	255	10.45	6.56	8.42	8.59	12.83	4.18	10.39	6.62	13.35	3.66	11.49	5.52
MW-19 A	15.34	60	70	9.07	6.27	6.57	8.77	8.37	6.97	6.00	9.34	9.07	6.27	10.02	5.32
MW-19 B	15.49	135	145	9.16	6.33	6.79	8.70	8.57	6.92	6.24	9.25	9.27	6.22	10.12	5.37
MW-19 C	15.45	170	180	9.03	6.42	6.84	8.61	8.90	6.55	6.45	9.00	9.52	5.93	10.26	5.19
MW-19 D	15.41	225	265	8.96	6.45	6.79	8.62	8.96	6.45	6.52	8.89	9.66	5.75	10.42	4.99
MW-20 A	16.31	70	80	9.99	6.32	7.32	8.99	9.26	7.05	6.77	9.54	9.85	6.46	10.94	5.37
MW-20 B	16.37	125	135	10.02	6.35	7.39	8.98	9.33	7.04	6.85	9.52	9.90	6.47	11.02	5.35
MW-20 C	16.36	225	235	10.14	6.22	7.86	8.50	9.91	6.45	7.38	8.98	10.50	5.86	11.72	4.64
MW-21 B	16.82	130	140	destroyed	--										
MW-21 C	16.71	235	245	destroyed	--										
MW-22 A	16.73	60	70	10.73	6.00	6.99	9.74	9.41	7.32	6.72	10.01	10.03	6.70	11.48	5.25
MW-22 B	16.68	135	145	10.51	6.17	7.26	9.42	9.50	7.18	6.91	9.77	10.12	6.56	11.35	5.33
MW-22 C	16.72	230	240	11.07	5.65	7.88	8.84	10.21	6.51	7.61	9.11	11.09	5.63	12.11	4.61
EW-1	15.23	60	90	NM	--	13.42	1.81								
EW-2	14.47	60	90	NM	--	12.48	1.99								
IW-1	13.64	200	275	NM	--										
PZ	16.46	3	13	NM	--										

**Footnotes:**

DTW - depth to water

NI - Not Installed

NM - Not Measured

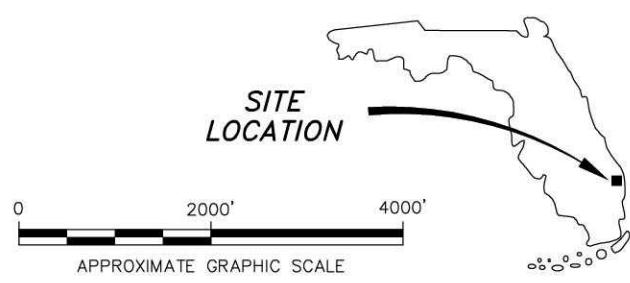
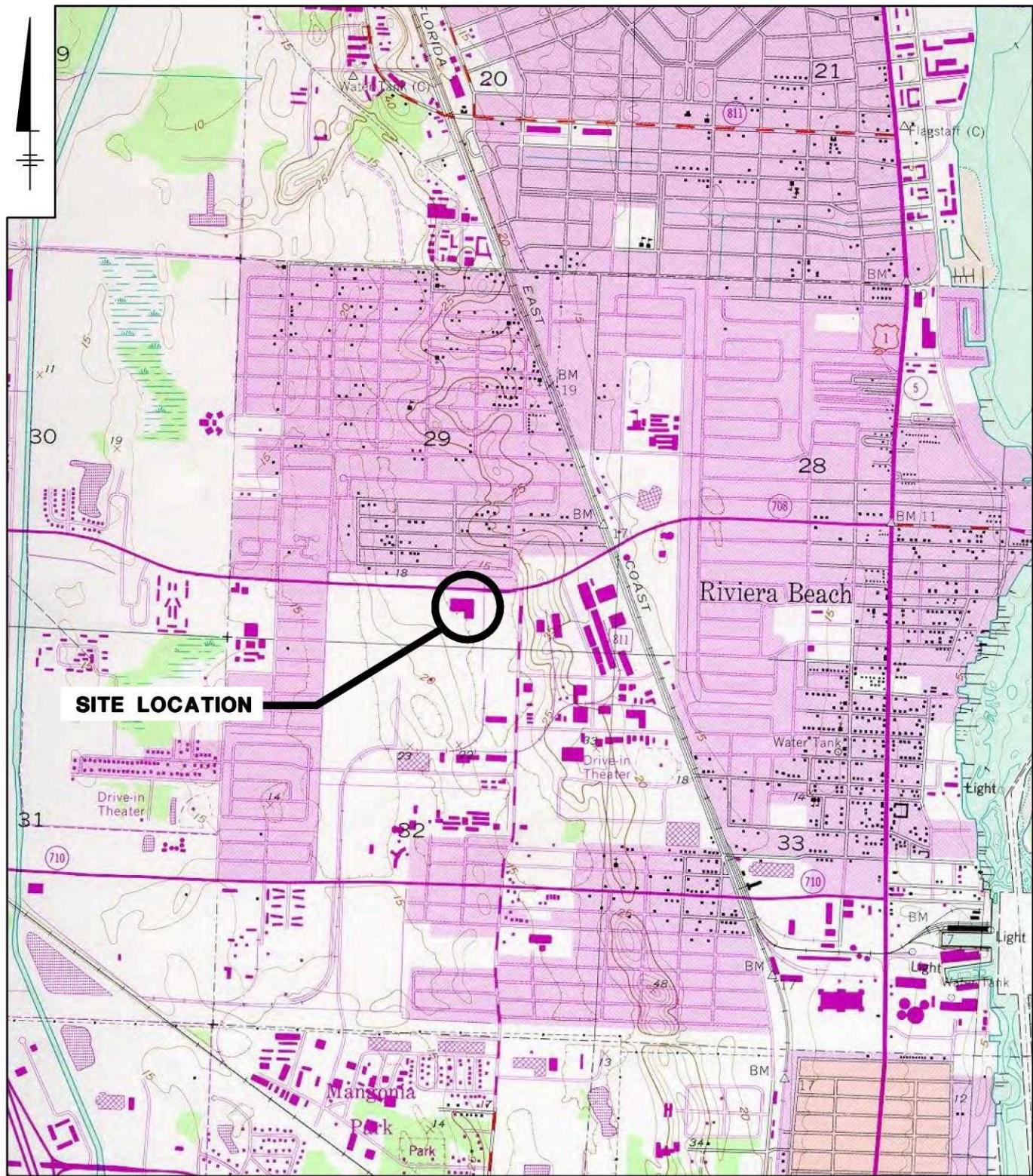
- EW-1, EW-2, and IW-1 were surveyed Spring 2009

- MW-21B and MW-21C were destroyed during city road repair

- System was shut down during October 09 water level collection

- MW-12, MW-13 and MW-14 clusters were resurveyed in November 2010

**Figures**

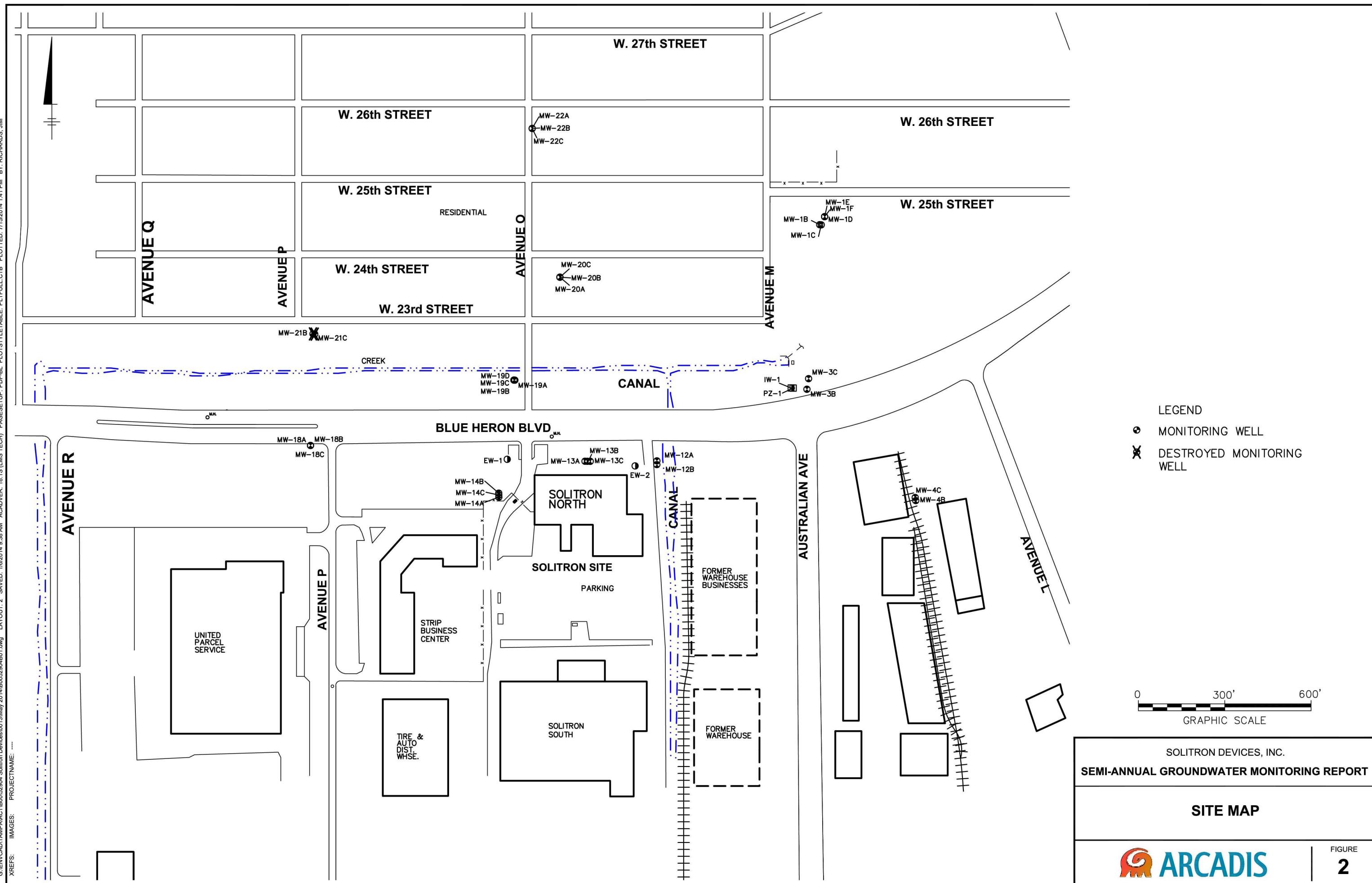


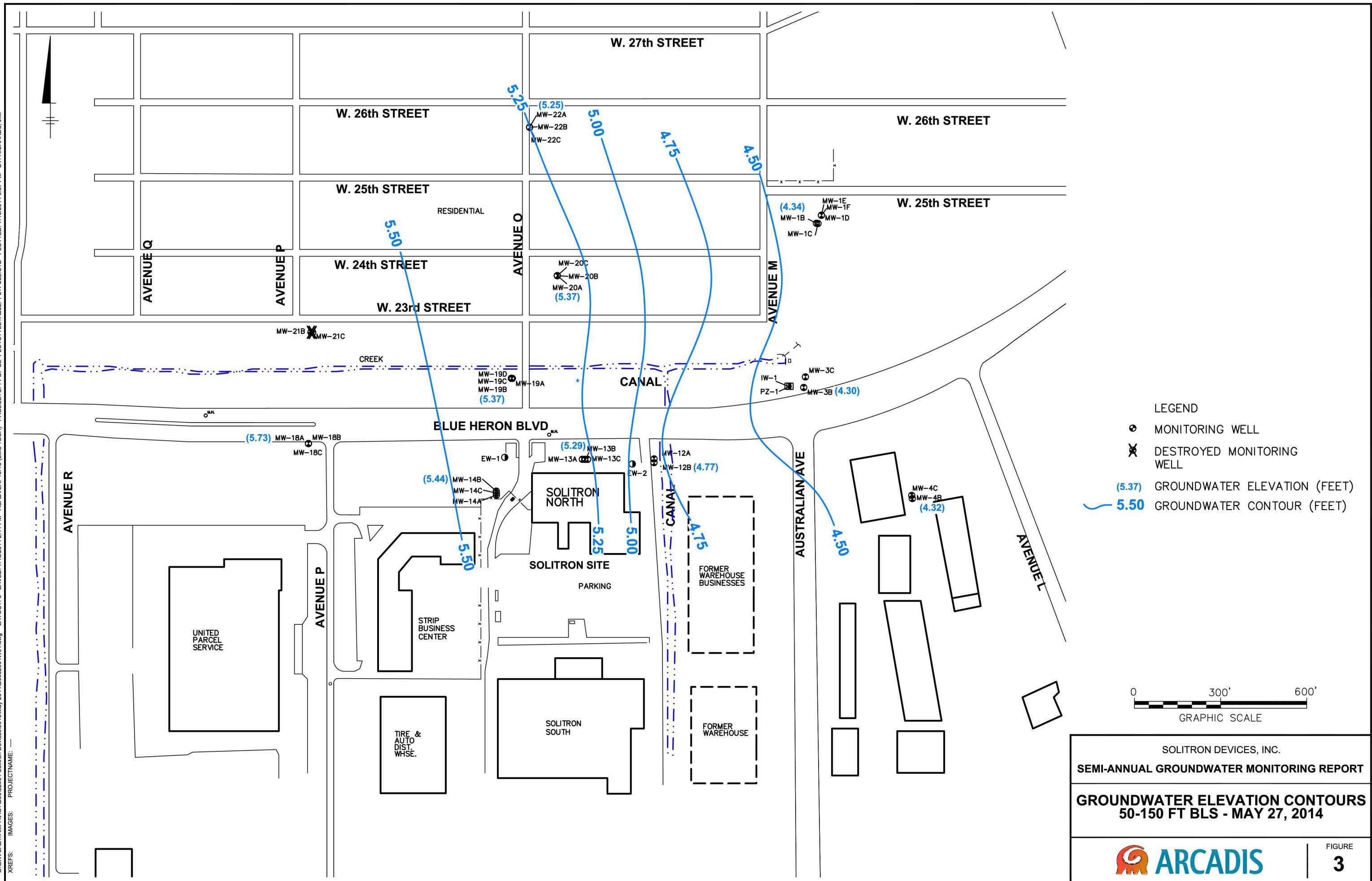
SOLITRON DEVICES, INC.  
SEMI-ANNUAL GROUNDWATER MONITORING REPORT

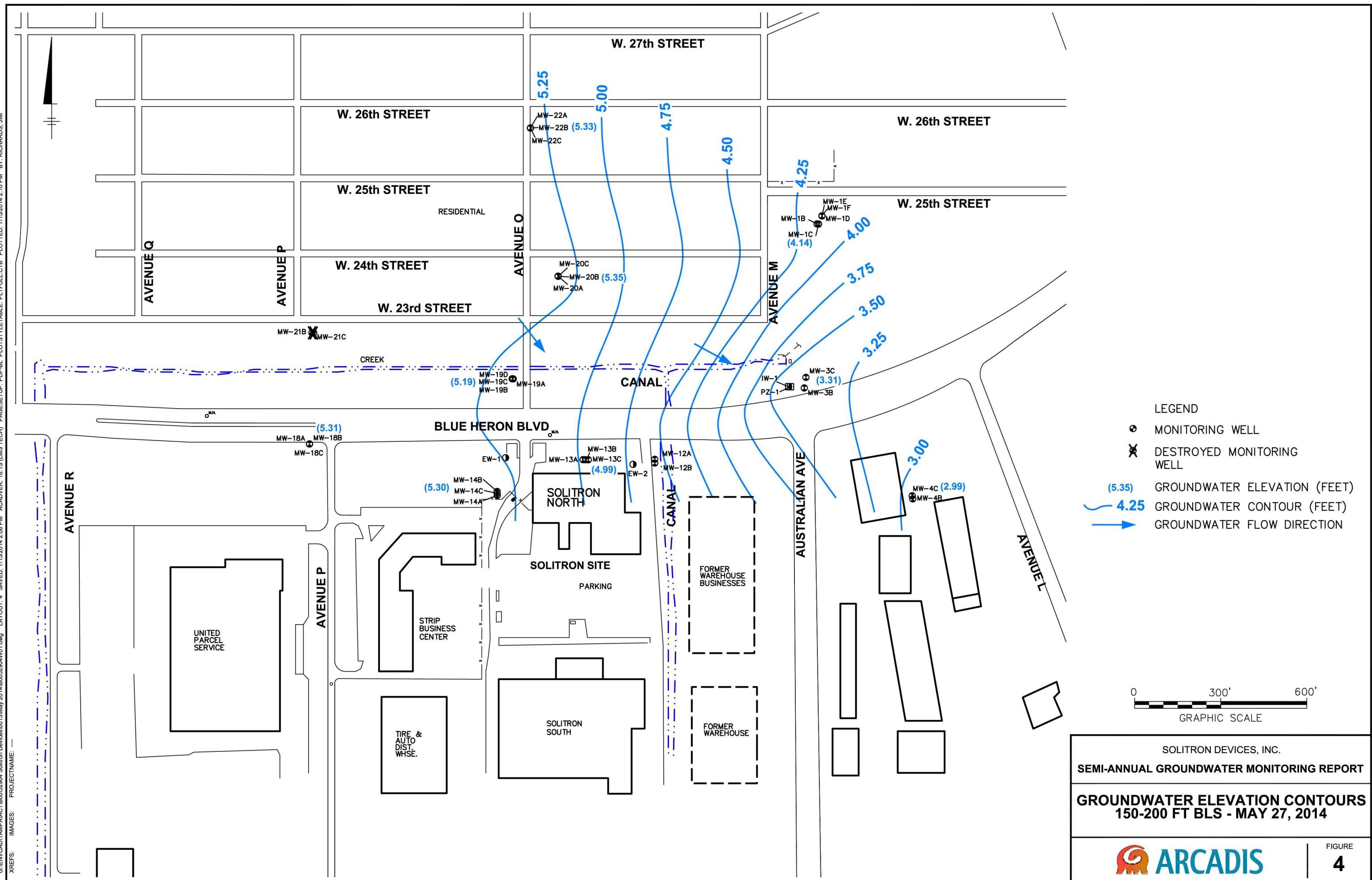
SITE LOCATION MAP

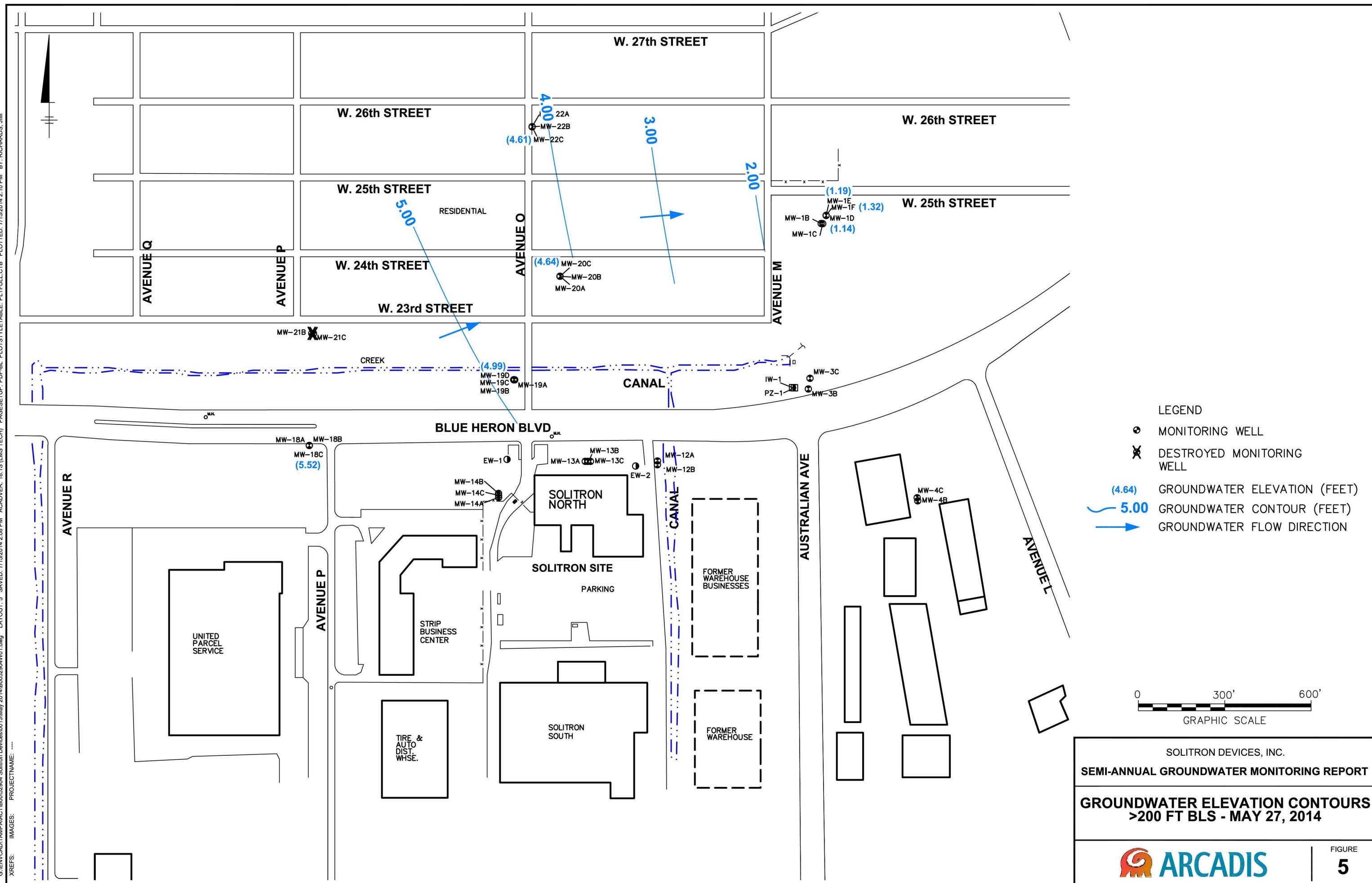


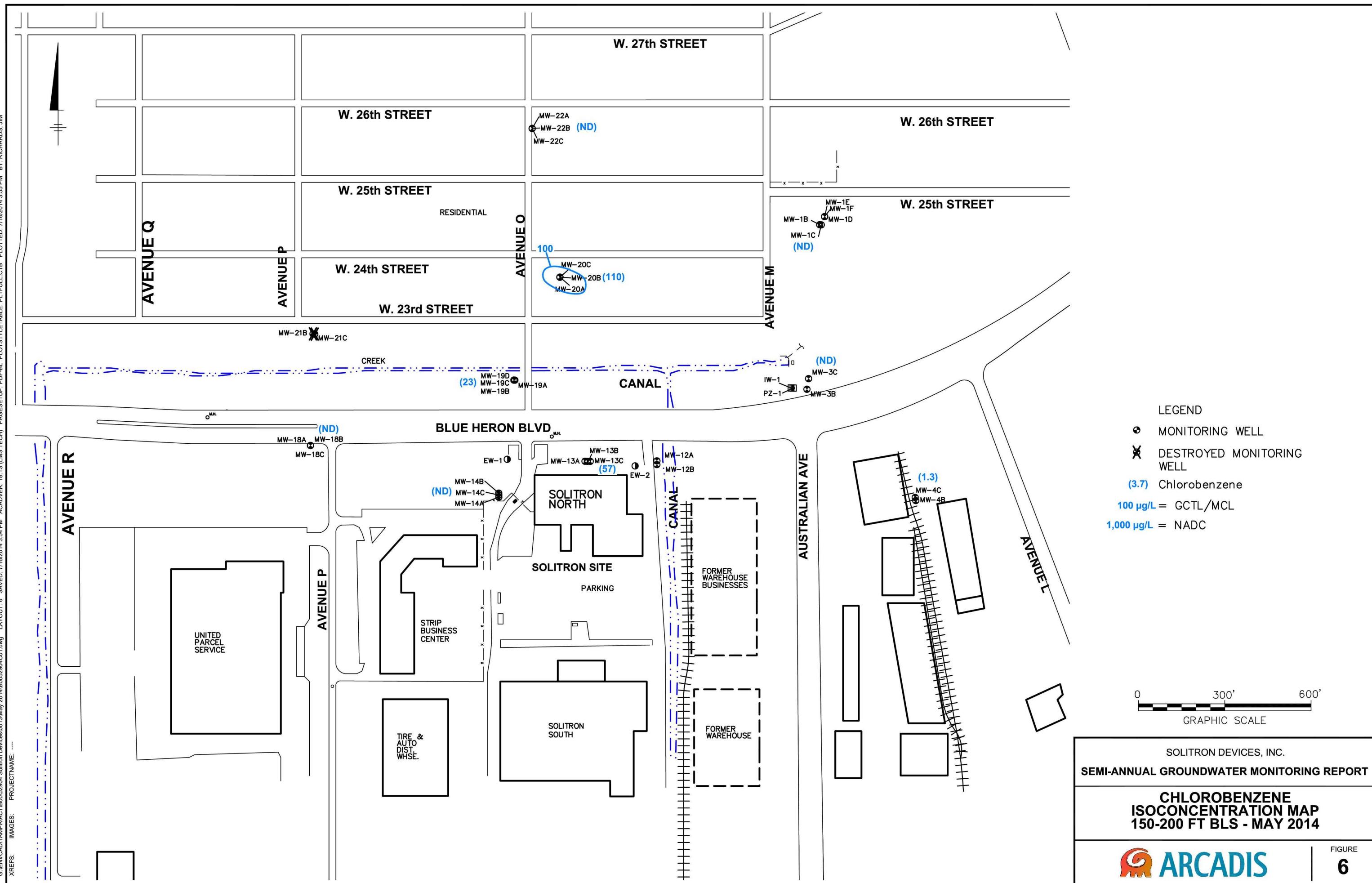
FIGURE  
1

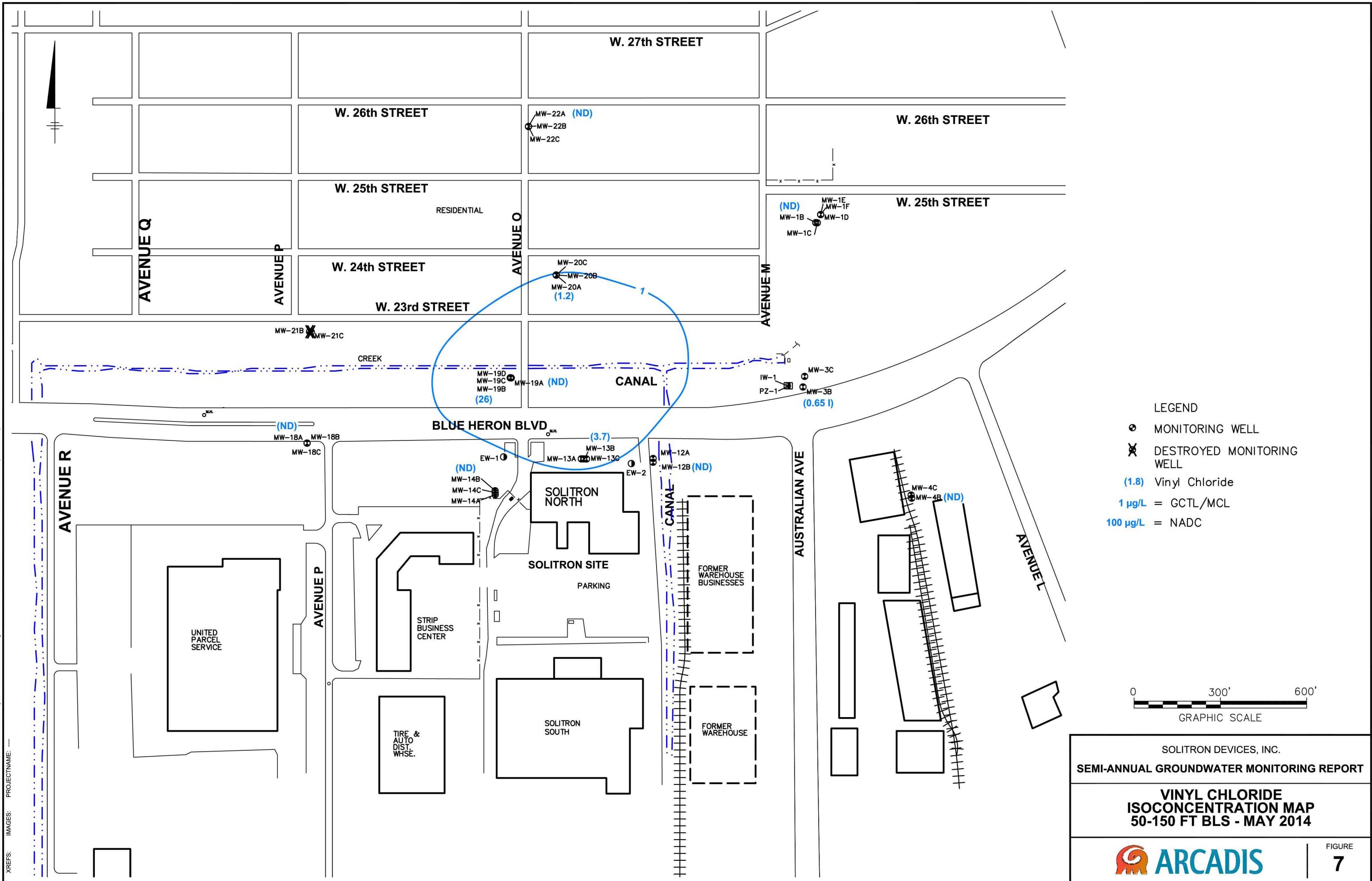


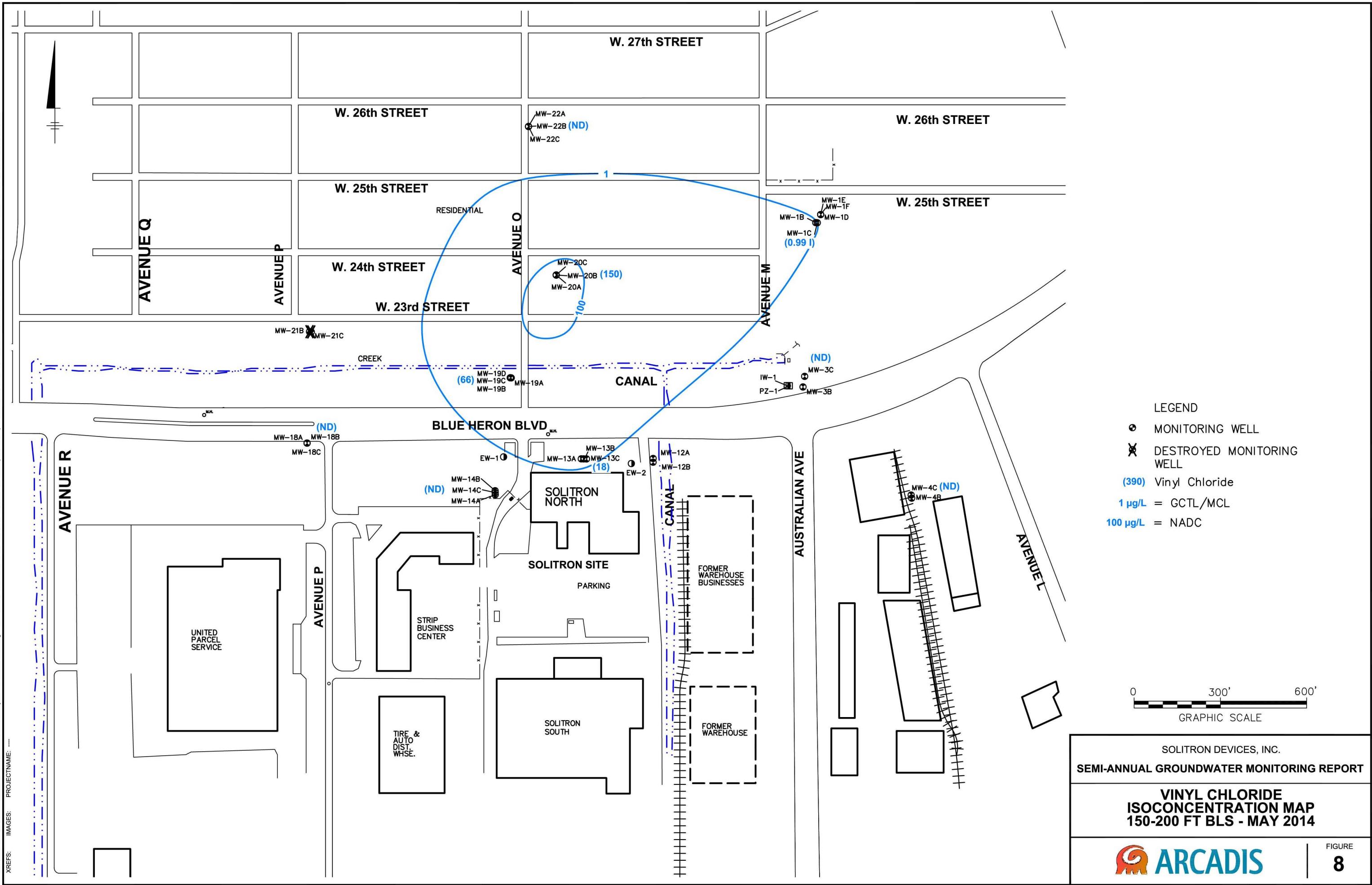












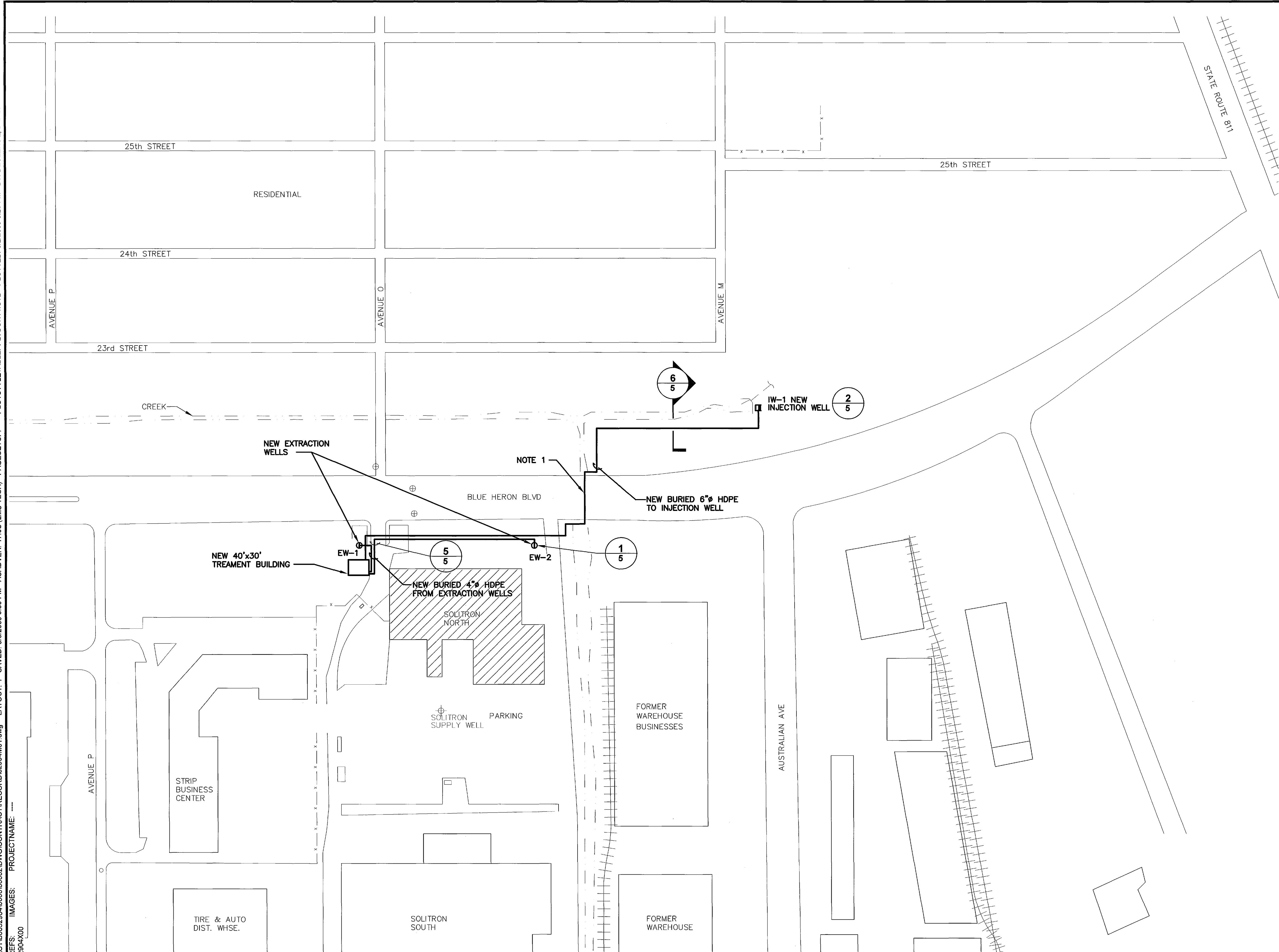
## Appendices

*[Available on CD-Insert]*



## **Appendix A**

Site Plan and Equipment Layout  
Record



THIS BAR  
REPRESENTS ONE  
INCH ON THE  
ORIGINAL DRAWING.

USE TO VERIFY  
FIGURE  
REPRODUCTION  
SCALE

100' 0' 100' 200'

THIS DRAWING IS THE PROPERTY OF THE ARCADIS ENTITY IDENTIFIED IN THE TITLE BLOCK AND MAY  
NOT BE REPRODUCED OR ALTERED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN  
PERMISSION OF SAME.

No. Date Revisions By Ckd

State Date Signed Project Mgr.  
FL 06/03/01 KRH

Designed by Drawn by Checked by  
AMR JAR KRH

THIS DRAWING IS THE PROPERTY OF THE ARCADIS ENTITY IDENTIFIED IN THE TITLE BLOCK AND MAY  
NOT BE REPRODUCED OR ALTERED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN  
PERMISSION OF SAME.

Professional Engineer's Name  
**DAVID R. GERBER**

Professional Engineer's No.  
62615

LICENSE NO. 62615  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

ARCADIS U.S., INC.

SOLITRON DEVICES, INC. • RIVIERA BEACH, FLORIDA  
GROUNDWATER EXTRACTION AND TREATMENT SYSTEM  
FLORIDA CERTIFICATE OF AUTHORIZATION  
NUMBER 7917

## SITE PLAN

MECHANICAL

### LEGEND:

- SUPPLY WELL
- MANHOLE
- IW-1 NEW INJECTION WELL
- EW-1 NEW EXTRACTION WELL
- NEW BURIED PIPING
- CREEK LOCATION
- EXISTING FENCE

### NOTES:

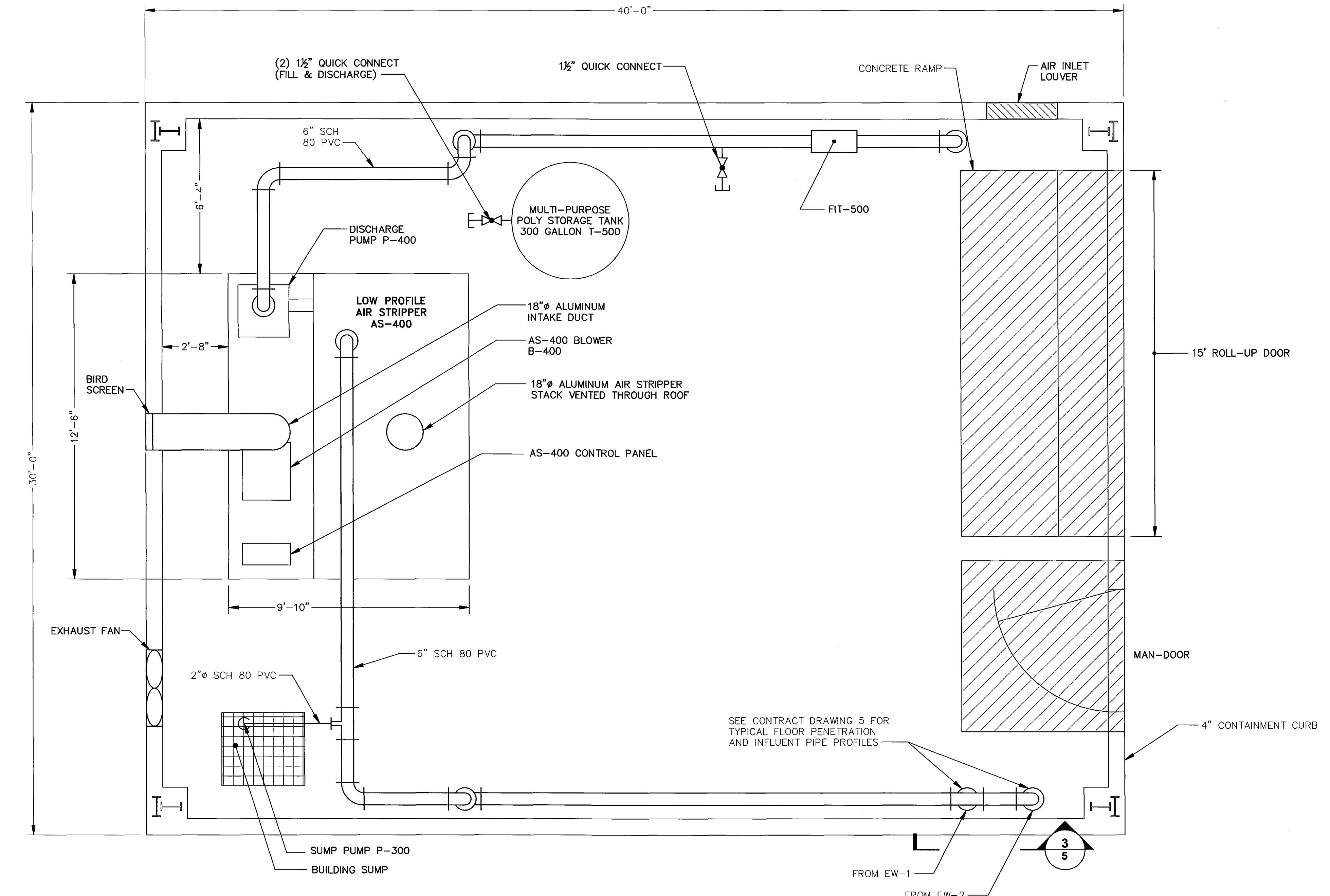
1. 6" DIAMETER PIPING AND 1" DIAMETER CONDUIT TO INJECTION WELL TO BE HUNG WITHIN EXISTING BOX CULVERT UNDER BLUE HERON BLVD.
2. BELOW GRADE PIPING TO AND FROM WELLS AND TREATMENT BUILDING TO BE HDPE SDR 17 INSTALLED TO A MINIMUM DEPTH OF 2'-0" BELOW GRADE UNLESS OTHERWISE NOTED.
3. BASE MAP DIGITIZED FROM A MAP ENTITLED PALM BEACH COUNTY, CARY R. NIKOLITS, PROPERTY APPRAISER, RANGE 43, TWP 42, SEC. 29, DATED 7/26/75 AT AN APPROXIMATE SCALE OF 1" = 200'.
4. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD.
5. CONTRACTOR SHALL INSTALL COMPONENTS IN A NEAT AND WORKMAN LIKE MANNER THAT ARE EASILY ACCESSIBLE FOR INSPECTION AND REPAIRS; AND ALIGN, LEVEL, AND ADJUST FOR SATISFACTORY OPERATION AND MAINTENANCE. DEVIATIONS FROM INDICATED ARRANGEMENTS ARE SUBJECT TO REVIEW AND APPROVAL BY ARCADIS US INC., PRIOR TO INSTALLATION AND/OR OPERATION.
6. CONTRACTOR SHALL RESTORE ALL SURFACES DAMAGED OR DESTROYED AS A RESULT OF WORK PERFORMED UNDER THIS CONTRACT TO THERE PRE-CONSTRUCTION CONDITION IN A TIMELY MANNER.
7. CONTRACTOR SHALL FURNISH AND PLACE PROPER GUARDS FOR PREVENTION OF ACCIDENTS, PROVIDE ALL TRENCH SHORING, SCAFFOLDING, SHIELDING, DUST/FUME PROTECTION, MECHANICAL/ELECTRICAL PROTECTION, SPECIAL GROUNDING, SAFETY RAILINGS, BARRIERS, OR OTHER SAFETY FEATURES AS REQUIRED.
8. CONTRACTOR SHALL VERIFY THE LOCATION OF UTILITIES IN THE FIELD PRIOR TO INITIATING WORK UNDER THIS CONTRACT.
9. CONTRACTOR SHALL PROVIDE EROSION AND SEDIMENT CONTROLS IN ACCORDANCE WITH APPLICABLE REGULATIONS.
10. CONTRACTOR SHALL MAINTAIN A SET OF PLANS WITH CURRENT FIELD CHANGES MARKED THERE-ON AND SHALL DELIVER THESE PLANS TO ARCADIS US, INC. UPON COMPLETION OF CONSTRUCTION.
11. CONTRACTOR SHALL NOTIFY ARCADIS US, INC. IMMEDIATELY WHEN CONFLICTS BETWEEN DRAWINGS AND ACTUAL CONDITIONS ARE DISCOVERED.
12. ALL FIELD SURVEYS SHALL BE PROVIDED BY THE CONTRACTOR AS NECESSARY.
13. ALL DISTURBED LAWN AREAS SHALL BE SEDED AND/OR MULCHED.
14. ALL DISTURBED PAVED AREAS SHALL BE RESTORED.
15. THE ESTIMATED MAXIMUM NOISE LEVEL AT THE NEAREST PROPERTY LINE, RELATED TO OPERATION OF THE GROUNDWATER TREATMENT SYSTEM, IS 65 DECIBELS.

**RECORD DRAWINGS**  
TO THE BEST OF OUR KNOWLEDGE,  
INFORMATION AND BELIEF, THESE RECORD  
DRAWINGS SUBSTANTIALLY REPRESENT THE  
PROJECT AS CONSTRUCTED.

DATE 06/03/01 BY

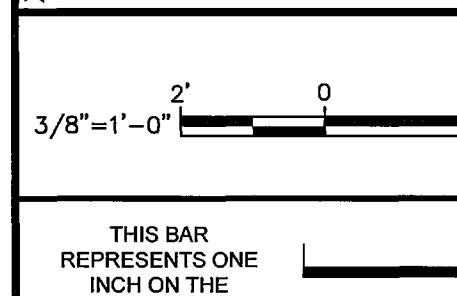
ARCADIS Project No. B0052904.0000.00002
Date JUNE 2009
ARCADIS 6723 Towpath Road Box 66 Syracuse, NY 13214 Tel: 315.446.9120

1



**RECORD DRAWINGS**  
 TO THE BEST OF OUR KNOWLEDGE,  
 INFORMATION AND BELIEF, THESE RECORD  
 DRAWINGS SUBSTANTIALLY REPRESENT THE  
 PROJECT AS CONSTRUCTED.

DATE 06/03/09 BY *David R. Gerber*



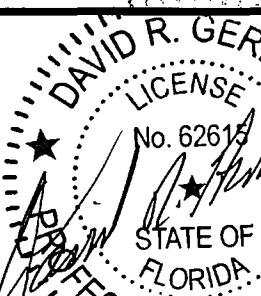
THIS BAR  
 REPRESENTS ONE  
 INCH ON THE  
 ORIGINAL DRAWING:  
 USE TO VERIFY  
 FIGURE  
 REPRODUCTION  
 SCALE

No.	Date	Revisions	By	Ckq

THIS DRAWING IS THE PROPERTY OF THE ARCADIS ENTITY IDENTIFIED IN THE TITLE BLOCK AND MAY  
 NOT BE REPRODUCED OR ALTERED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN  
 PERMISSION OF SAME.

Professional Engineer's Name  
**DAVID R. GERBER**  
 Professional Engineer's No.  
 62615

State FL Date Signed 04/03/09 Project Mgr. KRH  
 Designed by AMR Drawn by JAR Checked by KRH



SOLITRON DEVICES, INC. • RIVIERA BEACH, FLORIDA  
 GROUNDWATER EXTRACTION AND TREATMENT SYSTEM  
**ARCADIS**  
 ARCADIS U.S., INC.  
 FLORIDA CERTIFICATE OF AUTHORIZATION  
 NUMBER 7917

**EQUIPMENT LAYOUT**  
 MECHANICAL

ARCADIS Project No. B0052904.0000.00002  
 Date JUNE 2009  
 ARCADIS 6723 Towpath Road Box 66 Syracuse, NY 13214 Tel: 315.446.9120